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**OLDS & WHIRPLE  
INC.  
SEEDS AND  
FERTILIZERS  
HARTFORD, CONN.**

**1936**





# OLDS & WHIPPLE Inc.

168 State Street, Hartford, Conn.

Date ..... 1936 Ship via  Freight  Express  Mail  
 Check  Which

**Ship to** \_\_\_\_\_

Street or R.F.D. \_\_\_\_\_ County \_\_\_\_\_

**Post Office** \_\_\_\_\_ **State** \_\_\_\_\_

Express or Freight Office,  
if different from P. O. ....

**AMOUNT  
ENCLOSED** } Money Order \$..... Stamps \$..... } Check here  
Check \$..... Cash \$..... } if wanted  
shipped C. O. D.

Olds & Whipple, Inc., give no warranty, express, or implied, as to purity, description, quality, productiveness, or any other matter of any Seeds, Bulbs, or Plants they send out, and will not be in any way responsible for the crop. When mentioned, purity and germination tests are for information only and without guarantee.

**(Sign order on bottom of next page.)**

**Amount Forward**

**Sign here** \_\_\_\_\_

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• SEEDS •

FERTILIZERS and

AGRICULTURAL IMPLEMENTS

CATALOG FOR 1936



*All Prices Subject to Change Without Notice*

OLDS & WHIPPLE, Inc.

FERTILIZER FACTORY:  
Tolland Street, East Hartford, Conn.

MAIN OFFICE AND IMPLEMENT WAREHOUSE  
164-6-8 State Street, Hartford, Conn.

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Offices and  
Agricultural  
Warerooms at  
168 State Street,  
Hartford, Conn.

Fertilizer Factory located on Tolland Street, East Hartford, Conn.



# *Foreword*



In presenting our Catalogue for 1936, we have endeavored to incorporate the accumulated knowledge acquired in the fifty-nine years we have been in the Fertilizer and Agricultural Supply business that we may present to the farmer fertilizers that are best adapted to the crop he plans to grow, and implements that are in many cases especially designed to meet the conditions of our New England farms, and built by manufacturers of long experience. Space permits only a very brief description of these implements, but nearly all are carried in stock and may be seen on our sample floors.

“Good Equipment makes a Good Farmer better.” It does not pay to carry on with worn out machinery. To be “hung up” in the field because of a breakdown is expensive; the work that should be done today cannot, in many cases, be put off until tomorrow without loss. That we may be in a position to serve our customers properly, we employ well-trained competent service men and carry in stock thousands of dollars worth of repairs for the machines we sell.

All year round we are gathering into our factory and warehouse fertilizer materials from various parts of the globe, where it is milled, conditioned and made ready for our various fertilizer formulas. It is very important that the plant food be derived from proper sources. It is also important that the mechanical condition be such that a fertilizer feeds properly through the planters and fertilizer distributors. In addition to mixed fertilizers, we sell a complete line of fertilizer raw materials.

The prosperity of Olds & Whipple, Inc., is inseparable from the prosperity of the farmers we serve and the fundamentals of prosperous farming are good seed, good fertilizer and implements. These indispensable items and others we are prepared to furnish at reasonable prices.

We again wish to express our appreciation to our customers old and new for their patronage during the past year, and we shall endeavor to so conduct our business that we may be worthy of their patronage in the future.

OLDS & WHIPPLE, INCORPORATED.

# **Olds & Whipple, Inc.**

## **List of Fertilizers and Raw Materials**

### **For 1936**

#### **O. & W. SPECIAL FERTILIZERS**

Complete Tobacco Fertilizer  
Blue Label Tobacco Fertilizer  
High Grade Tobacco Starter  
High Grade Tobacco Starter and Potash Compound  
Top Dressing and Grass Fertilizer  
Market Garden Fertilizer

High Grade Potato and Vegetable Fertilizer  
Potato and General Purpose Fertilizer  
Double Strength Fertilizer  
Corn Special Fertilizer  
Corn and Grain Fertilizer  
Lawn Fertilizer

#### **WILCOX FORMULA**

Corn Special Fertilizer  
Potato and General Purpose

Market Garden Fertilizer  
Top Dresser

#### **FERTILIZING MATERIALS**

Swift Sure Phosphate  
Swift Sure Bone Meal  
C.S. Meal guaranteed analysis  
Cyanamid—Granular  
Castor Pomace guaranteed analysis  
Sterilized Ground Stems  
High Grade Muriate Potash  
High Grade Sulphate Potash  
Nitrate of Potash  
Carbonate of Potash  
Urea  
Calurea

Super Phosphate (acid phosphate)  
Sulphate of Ammonia  
Nitrate of Soda  
Sheep Manure  
Dry Ground Fish  
Tankage  
Steamed Bone  
Precipitated Bone Phosphate  
Lime for Agricultural use  
Fine ground Nova Scotia Plaster  
Calcium Nitrate  
Cotton Boll Ashes  
Ammo Phos.

We would call special attention to our market garden and potato fertilizer made with a large part of nitrogen derived from organic sources. A fertilizer made in this way costs more money but we believe the extra cost is justified by increasing yields. The final test of value of a fertilizer is not the price per ton but the crop produced.

We again urge our customers to order their fertilizer at once and allow us to deliver same at an early date and thus avoid the mad scramble that always comes late in the season. There is no good reason for delay.

#### **Our Special Mixtures for All Crops**

The following pages give you a list of the special fertilizers which we manufacture at our own factory.

These special mixtures are from tested formulae, proved out by practical growing tests. They are finely ground, and mechanically, in such condition, as to render them readily available to the growing crops.

Their use will repay you. They produce the kind of crops that pay. Used and endorsed by best growers.

## Fertilizing Cigar Leaf Tobacco

### For Bigger Yields and Better Burning Quality

A good cigar depends upon its burning quality and flavor for its reputation. Leaf tobacco for making a good cigar must be of the best quality, must hold fire well, not burn too fast or too slowly. It must not coal on the cigar and it must leave a clear white or light gray ash, not a muddy ash.

Cigar smokers everywhere are complaining about the quality of the cigar being made today. Manufacturers cannot make good cigars unless they get good tobacco, and that is where the grower comes in.

#### LEAF WISE

No matter how old a man is, if he is wise, he can still acquire more wisdom. No matter how old a grower is, he can still acquire more wisdom about a tobacco leaf.

The tobacco plant, perhaps more than any other plant, can be and is influenced for better or worse by proper or improper fertilization. In applying fertilizer, the grower must have two essential things in mind: 1, to preserve the productiveness of his soil; and 2, to produce leaf that has the most desirable qualities, namely, BURN—GRAIN—TEXTURE and COLOR. This is a large order, but it can be successfully met by growers carefully studying the right fertilizers to use.

## O. & W. Tobacco Fertilizer

To growers who desire a concentrated mixture, we offer this formula made along similar lines as our "Complete" tobacco.

#### GUARANTEED ANALYSIS

7% Nitrogen  
3% Available Phosphoric Acid  
7% Actual Potash



A fine crop of 18 acres of Broadleaf grown on the farm of William Driscoll, East Hartford, Conn. This tobacco was grown on our Blue Label fertilizer. Mr. Driscoll has been a customer for many years.

## O. & W. Complete Tobacco Fertilizer

has been a popular favorite with tobacco growers for years. The various sources of plant

food are so blended that the tobacco plant is nourished from transplanting to harvest time.

#### GUARANTEED ANALYSIS

5% Nitrogen  
3% Available Phosphoric Acid  
5% Actual Potash

## Blue Label Brand Fertilizer

In this brand we use 1000 lbs. of C. S. Meal in each ton. C. S. Meal has long been recognized as a basic ingredient for tobacco fertilizer freeing its plant food as it decomposes in the soil and feeding the plant to maturity. The phosphoric acid and potash are derived from high grade sources and every precaution is taken to keep out all elements that might react unfavorably on finished leaf.

#### GUARANTEED ANALYSIS

6% Nitrogen  
3% Available Phosphoric Acid  
6% Actual Potash

## O. & W. High Grade Tobacco Starter

This high grade starter has been used with conspicuous success by some of our best growers in the valley. We recommend that it be applied after the first time hoeing. At that critical stage of growth an abundant supply of quickly available nitrogen enables the plant to get a vigorous start, overcome and grow away from any unfavorable condition that may exist.

Experience has taught us that the crop that grows quickly, vigorously and does not stop until it reaches maturity produces the best goods.

#### GUARANTEED ANALYSIS

10% Nitrogen  
3% Available Phosphoric Acid

## O. & W. High Grade Tobacco Starter and Potash Compound

This formula with 5 per cent quickly soluble Nitrogen and 15 per cent actual Potash should be used with C. S. Meal or Castor Pomace in growing the tobacco crop and when so used makes a complete fertilizer. The Nitrogen of C. S. Meal or Pomace is slow acting and on most lands a more quickly soluble form of Nitrogen is needed to start the crop. We recommend using 1000 to 1500 lbs. per acre with a ton of C. S. Meal or Pomace.

#### GUARANTEED ANALYSIS

5% Nitrogen  
4% Available Phosphoric Acid  
15% Actual Potash

## O. & W. Special Corn Fertilizer

This formula has been tested and tried in the cornfields of Connecticut and Rhode Island and produced excellent crops. It carries a high percentage of available phosphoric acid, necessary to promote hard grain and early maturity. It is also extensively used in market gardening.

### GUARANTEED ANALYSIS

3% Nitrogen  
10% Available Phosphoric Acid  
4% Actual Potash



Above photograph shows the onion field of P. W. Mullins, Hatfield, Mass. This field was grown on O&W market garden fertilizer and produced over eight hundred bushels of onions per acre.

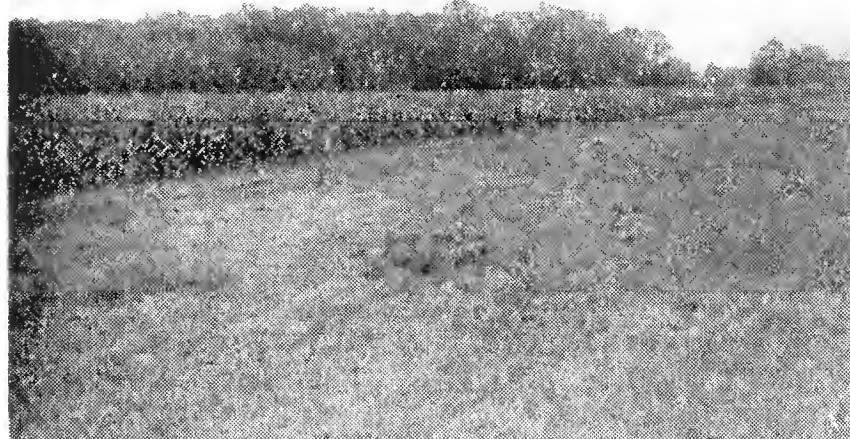
suited to promoting rapid and vigorous growth. Tested at our own farms we are able to speak authoritatively as to its merits. All growers will be re-paid by using this special mixture on their crop.

Our soils are well adapted to the culture of these crops and to make them profitable as well, is an easy matter if the culture is supplemented and promoted by the use of our special fertilizer.

### GUARANTEED ANALYSIS

4% Nitrogen  
8% Available Phosphoric Acid  
4% Actual Potash

This formula can be furnished with extra organic at a slight advance in price.



Above photograph shows a field of seed sweet corn grown on our farm at Suffield, Conn.

## O. & W. Corn and Grain Fertilizer

This formula carrying a high percentage of Available Phosphoric Acid is recommended for growing corn and grains and works well with a light coat of stable manure furnishing an abundance of Phosphoric Acid, important to the cereal crop.

### GUARANTEED ANALYSIS

2% Nitrogen  
10% Available Phosphoric Acid  
2% Actual Potash

## O. & W. General Purpose Fertilizer

This formula is similar to our complete market garden fertilizer, and is, as its name implies, a general purpose fertilizer.

### GUARANTEED ANALYSIS

3% Nitrogen  
8% Available Phosphoric Acid  
4% Actual Potash

## O. & W. Complete Market Garden Fertilizer

This is one of our high grade special mixtures for use on Corn, Potato, Onion Crops, Market Garden and general purpose fertilizer.

The sources of plant food are such as are exceedingly available to the plant and best



Fine field of Green Mountain potatoes grown on the farm of Paul Murphy, Fort Fairfield, Maine. Grown on O&W potato fertilizer. Taken August 1, 1935.

## O. & W. Potato and General Purpose Fertilizer

This formula should be used in growing potatoes. The 4% Nitrogen content makes it practically the same as our 5-(ammonia) 8-7 of previous years and most agronomists agree that this is a proper balance for the potato crop. This formula is also extensively used in market gardening.

### GUARANTEED ANALYSIS

4% Nitrogen  
8% Available Phosphoric Acid  
7% Actual Potash

This formula can be furnished with extra organic at a slight advance in price.

## O. & W. High Grade Potato and Vegetable Fertilizer

This is a concentrated mixture running high in analysis in every ingredient, and as a formula is extensively used in the potato growing sections of Maine. To produce large crops of potatoes you must feed heavily of Potash. This was thoroughly proven during the war, as even when Potash was extremely high and scarce some of the Maine potato growers paid the price for this ingredient and were well repaid by increased crop.

### GUARANTEED ANALYSIS

5% Nitrogen  
8% Available Phosphoric Acid  
7% Actual Potash

This formula can be furnished with extra organic at a slight advance in price.

## O. & W. DOUBLE STRENGTH FERTILIZER

A highly concentrated formula used principally in growing potatoes. Should be used at the rate of 1000 to 1200 lbs. per acre, being very careful that fertilizer does not come in contact with seed.

### GUARANTEED ANALYSIS

8% Nitrogen  
16% Available Phosphoric Acid  
14% Actual Potash

## O. & W. Top Dressing and Grass Fertilizer

A complete fertilizer with all the essential elements for rapid and luxuriant growth, carrying both soluble salts and organic material, it is suitable both for top dressing or permanent seeding down mixture.

### GUARANTEED ANALYSIS

8% Nitrogen  
6% Available Phosphoric Acid  
6% Actual Potash

We are now mixing Wilcox formulae, having 5 years ago purchased the mixed fertilizer business of the Wilcox Fertilizer Co. of Mystic, Conn. Wilcox fertilizers have always enjoyed a good reputation. It is our aim to maintain and enhance that reputation, making only such changes as recent scientific research has proved advantageous.

We offer the following Wilcox formulae:

### Wilcox Corn Special

This is an old favorite, moderate in price, made of soluble materials, and producing fine crops.

### GUARANTEED ANALYSIS

3% Nitrogen  
10% Available Phosphoric Acid  
4% Actual Potash

### Wilcox Potato and General Purpose Fertilizer

Used extensively in growing potatoes and market garden truck, carrying a high percentage of potash needed in many crops.

### GUARANTEED ANALYSIS

4% Nitrogen  
8% Available Phosphoric Acid  
7% Actual Potash

This formula can be furnished with extra organic at a slight advance in price.



Above photograph shows a field of Savoy Cabbage grown on our Wilcox market garden fertilizer on the farm of Martin McKasty of Melville, Long Island.

## Wilcox Market Garden

This formula is deservedly popular in the great garden section of Newport Island, Eastern Connecticut, Massachusetts and surrounding territory. Produces quick luxuriant growth and early maturity of vegetables.

### GUARANTEED ANALYSIS

4% Nitrogen  
8% Available Phosphoric Acid  
4% Actual Potash

This formula can be furnished with extra organic at a slight advance in price.



Photograph taken July 11, 1935. Potato field of Edward and Ambrose Brennan, Ocean Road, Bridgehampton, L.I. The Brennan Brothers raise 150 acres of potatoes and are large users of our Wilcox Brand potato fertilizer.

## WILCOX HIGH GRADE POTATO FERTILIZER

This formula carrying a high percentage of Nitrogen is a favorite in certain sections and should be used where a deficiency of vine growth has been noted. Also used successfully by market gardeners.

### GUARANTEED ANALYSIS

5% Nitrogen  
8% Available Phosphoric Acid  
7% Actual Potash

This formula can be furnished with extra organic at a slight advance in price.

## Wilcox Top Dresser

A standard mixture made of soluble materials for application to grass lands, used either as top dressing or seeding down.

### GUARANTEED ANALYSIS

8% Nitrogen  
6% Available Phosphoric Acid  
6% Actual Potash

## Important Notice . . . Free Delivery of Seeds

We Deliver, Transportation Paid in the 1st and 2nd Postal Zone, Vegetable Seeds by the packet, ounce, quarter-pound, pound.

On larger quantities purchaser pays transportation.

In making this Free Delivery we reserve the right to ship goods either by Parcel Post, Express or Freight.

We reserve the right to advance prices without notice should current conditions require it.

### REMITTANCES

May be made by Express Money Order, P. O. Money Order or Check.

NOTE:—If cash or stamps are sent by mail, REGISTER THE LETTER, otherwise it travels at owner's risk.

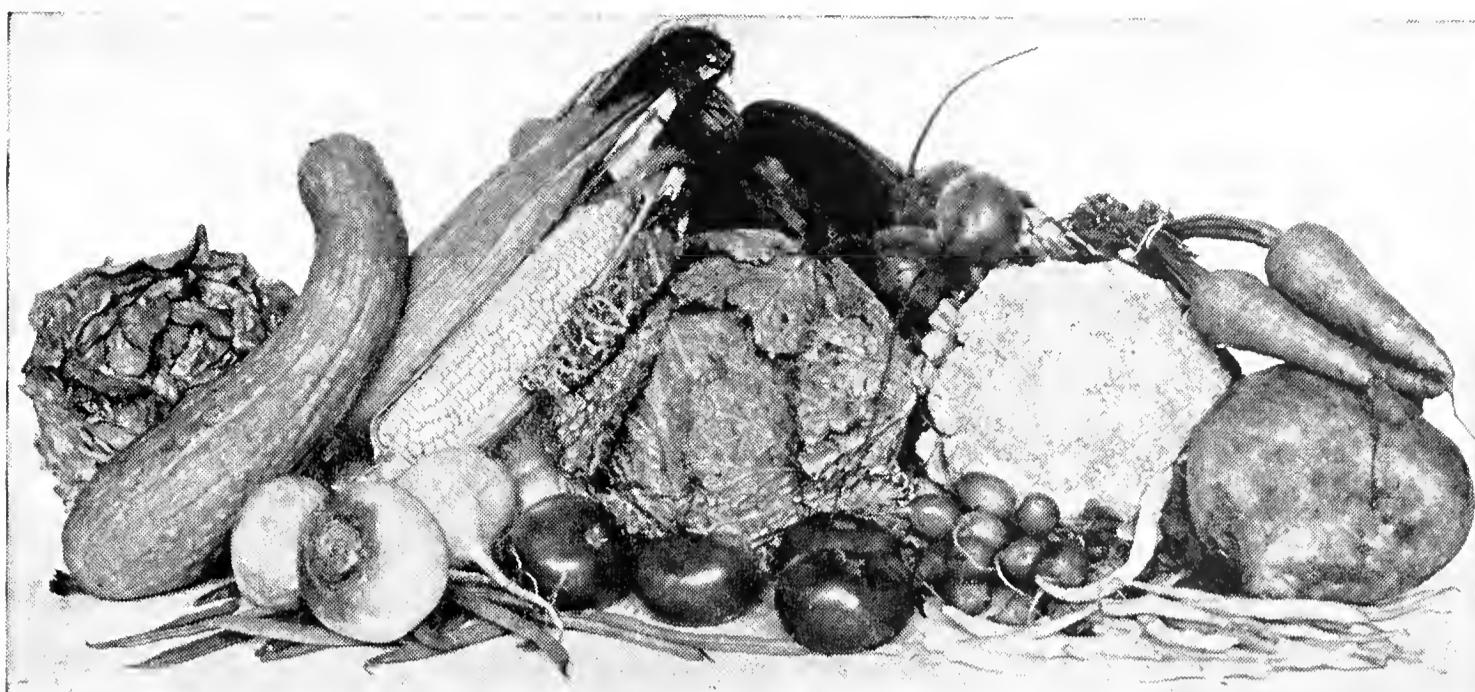
If goods are wanted C.O.D., 25 per cent of the amount must accompany the order. Charges for returning the money will be collected on delivery.

OLDS & WHIPPLE, INC., give no warranty, express or implied, as to purity, description, quality productiveness or any other matter of any seeds, bulbs or plants they send out, and will not be in any way responsible for the crop. When mentioned, purity and germination tests are for information only and without warranty.



This photograph shows a field of Certified Green Mountain potatoes, grown on the farm of Austin S. Buck, Fort Fairfield, Maine. Taken August 1, 1935. Grown on O&W potato fertilizer and produced at the rate of 160 barrels per acre, fine Certified Green Mountain seed potatoes.

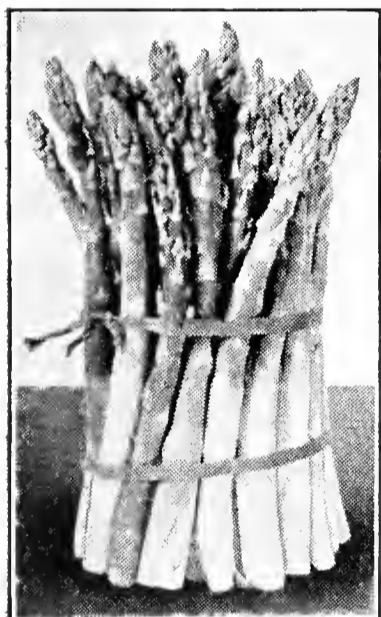
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## RELIABLE VEGETABLE SEEDS

### for Market and Home Gardens



#### Asparagus

An Asparagus bed may be made from one or two year old roots, planted in fall or spring. Plant the roots in rows four feet apart, leaving about twelve inches between plants in the row. Should be planted in trenches and gradually filled in as plants grow. Seeds may be sown in April in drills one foot apart and one inch deep, and roots transplanted the following year.

**Mary Washington**—The latest development of rust resistant asparagus; large stalks with very tight tips of fine quality.

Pkt. 10c Oz. 15c  $\frac{1}{4}$  lb. 30c lb. \$1.00

**Mary Washington**—Strong one year old roots.

80c for 50 \$1.50 per 100

#### Bush Beans

Can be planted any time from May 1 (or after danger of frost is past) until August. Plant in rows  $2\frac{1}{2}$  to 3 ft. apart and 3 to 4 inches apart in the rows. Cover  $1\frac{1}{2}$  in. deep. Cultivate after plants are 6 in. high. 2 lbs. will plant 100 ft. row.

#### DWARF GREEN PODDED VARIETIES

**Burpee's Stringless**—An early, sturdy, large plant, very productive. Pods round, medium green, very meaty, and of excellent quality.

1 lb. 30c 2 lbs. 50c 5 lbs. \$1.00  
15 to 100 lbs. at 14c per lb.

**Black Valentine**—Stringless. Plant is large leaved, erect, prolific. Pods are round, dark green, finest quality.

1 lb. 30c 2 lbs. 50c 5 lbs. \$1.00  
15 to 100 lbs. at 15c lb.

**Bountiful**—An important early variety. Pods flat, light green, stringless and of good quality.

1 lb. 30c 2 lbs. 50c 5 lbs. \$1.00  
15 to 100 lbs. at 15c lb.

**Tendergreen**—Desirable for home or market garden. Pods round, fleshy, dark green, stringless, fine quality.

1 lb 30c 2 lbs. 50c 5 lbs. \$1.00  
15 to 100 lbs. at 15c lb.

**Low's Champion**—Also known as Red Cranberry. Pods deep green, straight, flat, stringless and of good quality.

1 lb. 30c 2 lbs. 50c 5 lbs. \$1.10  
15 to 100 lbs. at 16c lb.

**Dwarf Horticultural**—Pods green at early stage, changing to greenish yellow, splashed with carmine at maturity; semi-round. Used as a shell bean.

1 lb 30c 2 lbs. 50c 5 lbs. \$1.00  
15 to 100 lbs. at 15c lb.

## Dwarf Green Podded Varieties—Con.

**French Dwarf Horticultural**—A popular green shell variety. Pods large, exceptionally attractive in appearance. Very good market variety.

1 lb. 35c 2 lbs. 60c 5 lbs. \$1.20  
15 to 100 lbs. at 20c lb.

**White Kidney**—Excellent quality for dry shell use. Seeds long, white, kidney shaped.

1 lb. 25c 2 lbs. 45c 5 lbs. 90c  
15 to 100 lbs. at 13c lb.

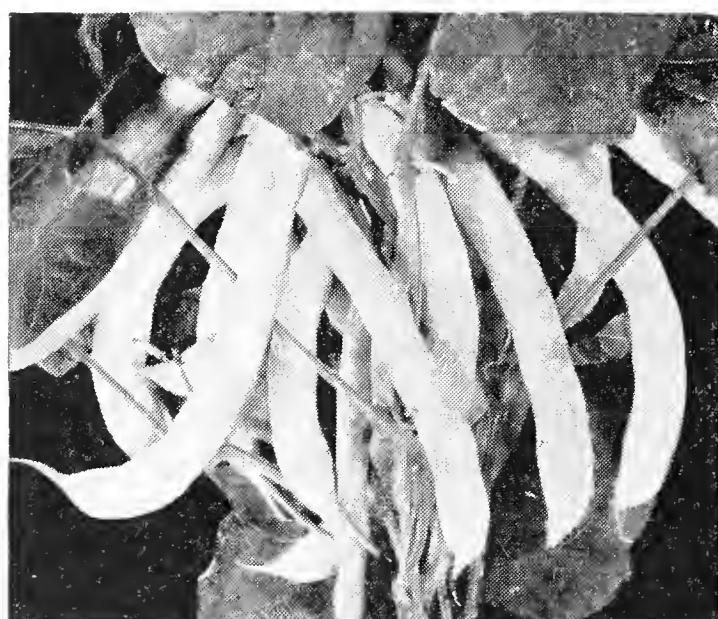
**White Marrow**—Good quality for dry shell beans, excellent for baking. Seeds rather short oval, white.

1 lb. 25c 2 lbs. 45c 5 lbs. 90c  
15 to 100 lbs. at 13c lb.

**Red Kidney**—Fine quality for dry bean use. Pods waxy green color, oval flat. Seeds reddish brown.

1 lb. 25c 2 lbs. 45c 5 lbs. 90c  
15 to 100 lbs. at 12c lb.

## DWARF WAX PODDED VARIETIES



Improved Golden Wax

**Improved Golden Wax**—Used largely for home garden planting. Pods straight, thick flat, creamy yellow in color; stringless, of good quality. Seeds short, oval, white, with mottling of violet and light yellow around eye and ends.

1 lb. 25c 2 lbs. 55c 5 lbs. \$1.10  
15 to 100 lbs. at 15c lb.

**Pencil Pod Black Wax**—An exceedingly desirable variety for home and market garden use. Pods round, slightly curved, fleshy, golden yellow, tender, absolutely stringless.

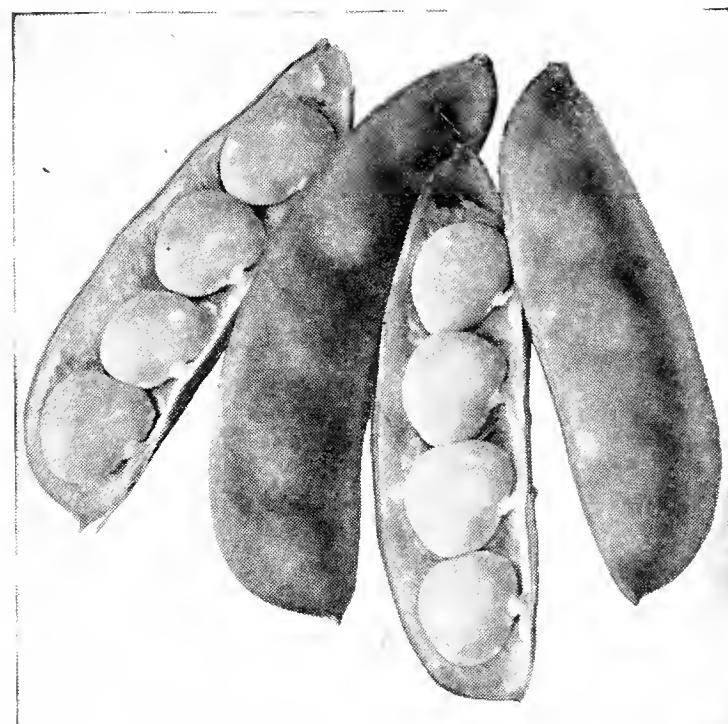
1 lb. 35c 2 lbs. 55c 5 lbs. \$1.10  
15 to 100 lbs. at 15c lb.

**Sure Crop Wax**—Sometimes called Bountiful Wax. Particularly desirable for market gardeners. Very productive. Pods golden yellow, thick-flat brittle, strictly stringless. Fine texture and quality.

1 lb. 30c 2 lbs. 50c 5 lbs. \$1.00  
15 to 100 lbs. at 14c lb.

## Dwarf or Bush Lima

Plant in May after the ground has become warm, in rows 3 ft. apart, with the beans about 12 in. apart in the rows. Cover about 2 in. deep. A second planting may be made in June or early part of July.



Fordhook Bush Lima

**Burpee's Improved**—Large plants, erect, vigorous, very productive; pods contain 4 to 5 seeds.

1 lb. 30c 2 lbs. 50c 5 lbs. \$1.10  
15 to 100 lbs. at 16c lb.

**Fordhook**—A very popular market garden variety. Pods straight, with thick fibrous walls, contains 3 to 4 seeds. Beans large, thick oval of excellent quality.

1 lb. 30c 2 lbs. 55c 5 lbs. \$1.20  
15 to 100 lbs. at 18c lb.



The above photograph shows 50 acres of Bush Lima Beans grown on the market garden farm of Michael Zarella, Southington, Conn. Mr Zarella is a large user of our O&W market garden fertilizer.

## Pole or Running Beans

Plant first part of June in hills 3 feet apart in the row and rows 4 ft. apart. Plant 6 or 8 beans in a circle around the hill with eyes of the seed downward and cover with 1½ in. of soil. When 6 in. high thin to 3 or 4 plants to hill. Fix firmly in the center of each hill a

**Pole or Running Beans—Con.**

pole 5 to 8 ft. high, and when plants show runners help the vines to start by twining them around the pole from right to left.

**Early Leviathan Lima**—The earliest large-seeded Lima. Pods very straight, containing 5 to 6 beans.

1 lb. 30c 2 lbs. 55c 5 lbs. \$1.25  
15 to 100 lb. at 18c lb.

**King of the Garden Lima**—An improved strain of Large White Lima. Grows tall, vigorous, very productive. Pods flat, smooth with 4 or 5 large beans.

1 lb. 30c 2 lbs. 55c 5 lbs. \$1.25  
15 to 100 lb. at 18c lb.

**Mammoth Horticultural King or Worcester**—The largest podded and largest seeded of the Horticultural beans. Pods heavily splashed with red.

1 lb. 35c 2 lbs. 65c 5 lbs. \$1.30  
15 to 100 lbs. at 20c lb.

**Italian Horticultural**—A distinct variety with large, yellow pods heavily splashed with crimson.

1 lb. 30c 2 lbs. 55c 5 lbs. \$1.25  
15 to 100 lbs. at 18c lb.

**Kentucky Wonder**—The best known and most popular pole bean. Pods are large and practically round, very brittle.

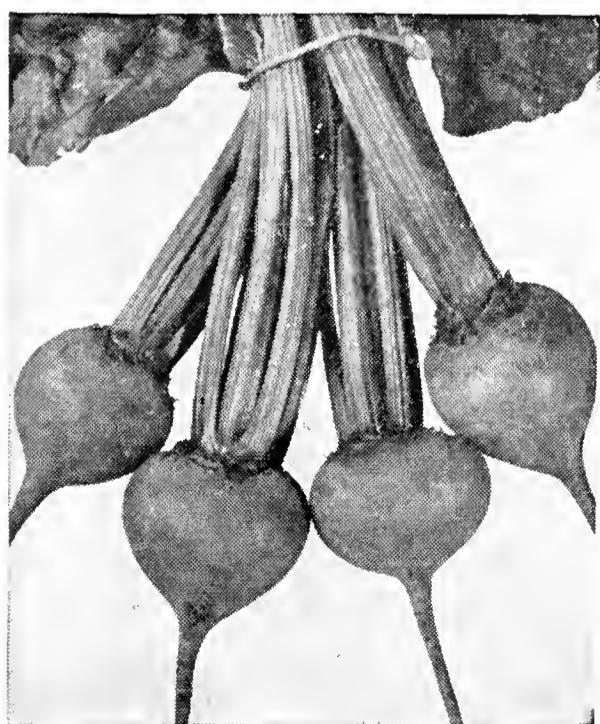
1 lb. 30c 2 lbs. 55c 5 lbs. \$1.25  
15 to 100 lbs. at 18c lb.

**Kentucky Wonder Wax**—Very popular variety. Good climber, productive. Yellow flat meaty pods, nearly stringless.

1 lb. 30c 2 lbs. 55c 5 lbs. \$1.25  
15 to 100 lbs. at 18c lb.

## Beets

For very early crops, sow in hotbeds and transplant as soon as weather permits. For outdoor crops, sow first part of April in drills about 2 ft. apart, covering seed about 1 inch. Thin the young plants when suitable size for greens to four inches apart. One ounce sows 50 ft. of drill.



**Detroit Dark Red**

Quantity Discount, 10 lbs. or more 10c lb.

**Crosby's Egyptian**—An extra early variety for home and market garden use. Roots a flattened globe shape; skin dark red, flesh a trifle lighter.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 30c 1 lb. 80c

**Early Wonder**—Very popular with market gardeners, globular in shape, with small tap root. Flesh is blood red, tender and of good quality.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 30c 1 lb. 85c

**Early Eclipse**—Medium sized round, dark red. Interior bright red with whitish zones. Good flavor.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 25c 1 lb. 80c

**Dark Red Egyptian**—Very early. Tops small and erect. Roots flattish.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 30c 1 lb. \$1.00

**Detroit Dark Red**—One of the very best sorts for home or market garden. Roots smooth, globe shaped of medium size. Tops small, upright, color deep red.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 30c 1 lb. 90c

**Edman's Early Blood Turnip**—A medium early variety. Roots top shaped; dark red of good size.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 25c 1 lb. 80c

**Long Smooth Blood**—A well known late variety for winter use; tops are large. Roots 10 to 15 inches long.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 30c 1 lb. 90c

## Swiss Chard

Cooked same as spinach and when allowed to grow without cutting has large, flat, wax-like ribs which are cooked and served like asparagus. Sow seed early in spring in drills 18 inches apart.

**Giant Lucullus**—Desirable for home and market garden use. Leaf color yellowish green, heavily crumpled; stems thick, broad, light green in color.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 30c 1 lb. 90c

## Mangel Wurzel

A Highly Valuable Stock Feed. They are easily grown and are unequalled as a milk producing food for winter feeding. Cultivate same as beets. Six to eight pounds will sow an acre.



**Mammoth Long Red**

Quantity Discount 5 lbs. or more 10c lb.

**Mammoth Long Red**—The most popular. Roots extremely large, slightly tapering, grow half above ground. Color light red.

Oz. 10c  $\frac{1}{4}$  lb. 20c 1 lb. 60c

**Mangel Wurzel**—Con.

**Yellow Globe**—Large globular formed roots, good for shallow soils.

Oz. 10c  $\frac{1}{4}$  lb. 20c 1 lb. 60c

**Giant Half Sugar, Rose**—A heavy yielding, valuable variety for feeding. Roots long oval; skin white with rose colored shoulder, flesh white, with good sugar content.

Oz. 10c  $\frac{1}{4}$  lb. 20c 1 lb. 60c

**Golden Tankard**—A half-long variety of bright yellow color. Very productive.

Oz. 10c  $\frac{1}{4}$  lb. 20c 1 lb. 60c

**White Sugar Beet**—An attractive heavy yielding variety used largely for stock feeding. Has high sugar content.

Oz. 10c  $\frac{1}{4}$  lb. 20c 1 lb. 60c

## Broccoli

A vegetable resembling cauliflower in many respects and requires the same culture, but is much quicker and easier to grow.

**Early Green Italian or Calabrese**—A leading variety. A tall branching plant forms a central head of bluish green flower buds. After the main head is removed side branches continue to develop throughout the season, and frequently form small heads, which, with the stems, are cut and served the same as Asparagus.

Pkt. 10c Oz. 45c  $\frac{1}{4}$  lb. \$1.50 1 lb. \$5.00

**Italian Broccoli Rape or Senaps**—Distinct from other Broccolis. The turnip-like leaves are used for greens as well as the small flower heads. Can be sown in autumn for a spring crop.

Pkt. 10c Oz. 20c  $\frac{1}{4}$  lb. 60c 1 lb. \$1.80

**Purple Cape**—Large, compact, purple head, leaves crinkled, dark green, for home garden use.

Pkt. 10c Oz. 45c  $\frac{1}{4}$  lb. \$1.50 1 lb. \$5.00

**White Cape**—A medium late variety, with large creamy white, firm head. Leaves are dark green.

Pkt. 20c Oz. 65c  $\frac{1}{4}$  lb. \$2.00 1 lb. \$7.00

## Brussels Sprouts

A member of the cabbage family and cultivated in about the same manner. One ounce of seed will produce about 1000 plants.

Olds & Whipple's Best.

Pkt. 10c Oz. 35c  $\frac{1}{4}$  lb. 90c.

## Cabbage

### EARLY VARIETIES

For early crop sow in hotbeds in February or March  $\frac{1}{2}$  inch deep and prick out plants into cold frames to harden. When danger of frost is over set out plants in the open in rows  $2\frac{1}{2}$  feet apart and 2 feet apart in the row.

**Golden Acre**—An extra early Copenhagen type with small round solid heads. Plants are dwarf with few outer leaves.

Pkt. 5c Oz. 30c  $\frac{1}{4}$  lb. \$1.00 1 lb. \$3.75

**Copenhagen Market**—Splendid for the early market. Plant small, compact, allowing very close planting; stem short, head uniformly round, proving valuable as early kraut variety.

Pkt. 5c Oz. 25c  $\frac{1}{4}$  lb. 75c 1 lb. \$2.75

**Early Jersey Wakefield**—An extensively used early variety, with small compact conical heads about 7 inches long. Used largely by market gardeners.

Pkt. 5c Oz. 25c  $\frac{1}{4}$  lb. 75c 1 lb. \$2.80

**Early Flat Dutch**—Splendid for home or market garden. Heads almost ball-shaped, firm and of high quality.

Pkt. 5c Oz. 25c  $\frac{1}{4}$  lb. 75c 1 lb. \$2.80

### INTERMEDIATE VARIETIES

**Early Summer**—A quick heading second early variety of excellent quality. Medium sized heads, solid and compact.

Pkt. 5c Oz. 25c  $\frac{1}{4}$  lb. 75c 1 lb. \$2.70

**All Seasons**—Good general purpose cabbage, widely used for kraut, thrifty in hot, dry weather. Large heads.

Pkt. 5c Oz. 25c  $\frac{1}{4}$  lb. 75c 1 lb. \$2.70



Premium Flat Dutch

### LATE VARIETIES

**O. & W. Premium Flat Dutch**—An extra fine selection. Excellent for home or market garden use. Heads extremely large, flat, and solid. A good keeper.

Pkt. 5c Oz. 25c  $\frac{1}{4}$  lb. 75c 1 lb. \$2.80

**Stonemason**—A distinct short stemmed variety with few, well-rounded leaves. Heads large, nearly round, very solid and of good flavor.

Pkt. 5c Oz. 25c  $\frac{1}{4}$  lb. 75c 1 lb. \$2.80

**Surehead**—A variety of the late flat Dutch type. Medium long stem, a dependable header. Heads large, hard, round, somewhat flattened.

Pkt. 5c Oz. 25c  $\frac{1}{4}$  lb. 75c 1 lb. \$2.80

**Cabbage—Late Varieties—Con.**

**Danish Ball Head or Hollander**—Most widely used type of late cabbage. Heads deep round, very hard, flavor good, desirable for kraut, keeps perfectly in storage until spring.

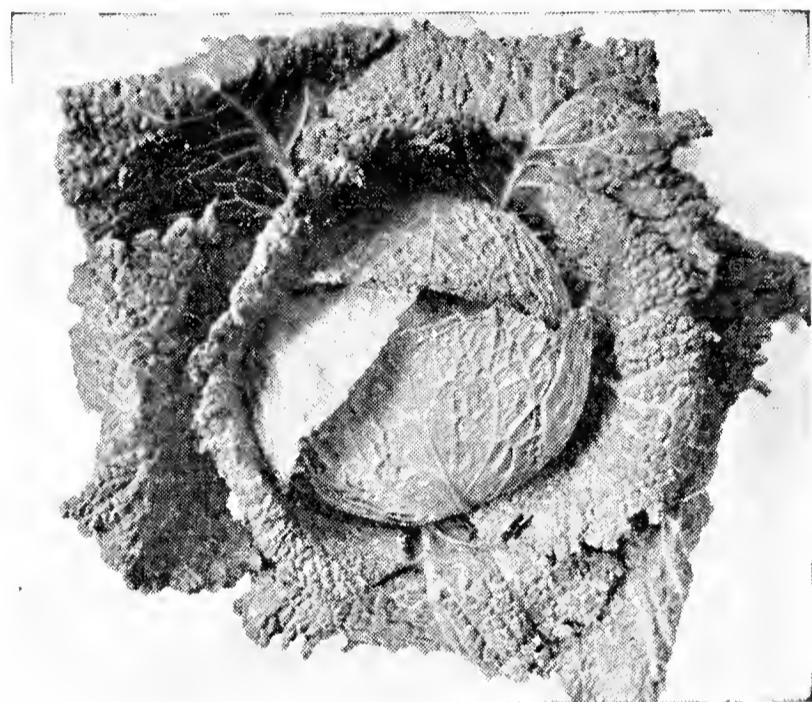
Pkt. 5c Oz. 25c  $\frac{1}{4}$  lb. 75c 1 lb. \$2.50

**Mammoth Red Rock**—The largest and best red cabbage. Heads round, to slightly flattened globe shape, very hard, deep purplish red. An excellent keeper.

Pkt. 5c Oz. 25c  $\frac{1}{4}$  lb. 75c 1 lb. \$2.75

**Red Drumhead**—Deep red color, solid heads, excellent for pickling.

Pkt. 5c Oz. 25c  $\frac{1}{4}$  lb. 75c 1 lb. \$2.75



**Improved American Savoy**

**Improved American Savoy**—The best of the Savoy group for home use or market. Leaves blistered, stems short. Heads flattened globe shape; large, firm, interior leaves crumpled, attractive light yellow.

Pkt. 10c Oz. 35c  $\frac{1}{4}$  lb. \$1.25 1 lb. \$4.00

## Chinese or Celery Cabbage

A species of cabbage from China.

**Chihili**—Early and dependable in heading. Tall and slender.

Pkt. 10c Oz. 25c  $\frac{1}{4}$  lb. 75c 1 lb. \$2.25

**Wong Bok**—Select strain. An early dwarf variety with large compact heads.

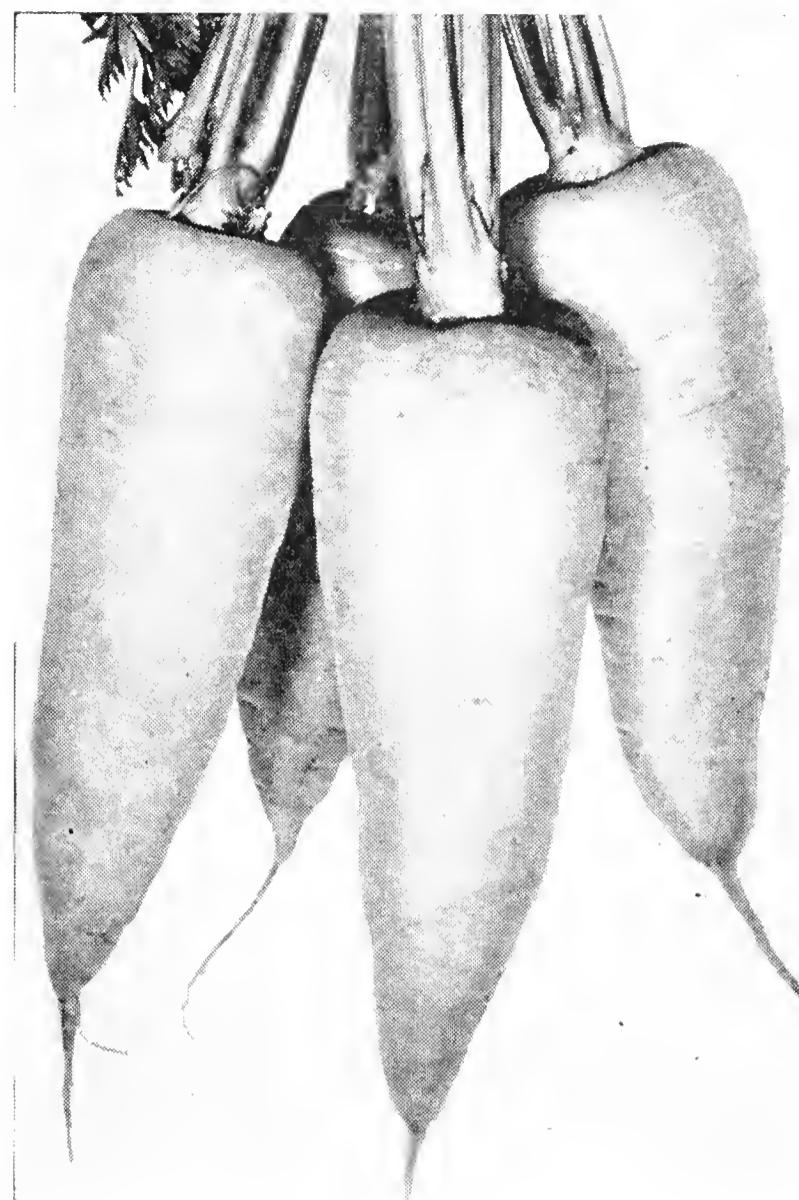
Pkt. 10c Oz. 25c  $\frac{1}{4}$  lb. 75c 1 lb. \$2.25

## Carrots

Thrive best in rather light loam; soil should be well cultivated and fertilized. Plant seed in rows 14 inches apart, and thin plants to 2 or 3 inches in the rows. Plant from the middle of April to the middle of June. One ounce will sow 100 feet of drill, 3 to 4 pounds per acre.

**Half-Long Nantes**—Also known as coreless. Half-long, well shaped and uniform roots, exceptionally fine flavor, fine grained, tender, and practically coreless.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 50c 1 lb. \$1.50



**Danvers Half Long**

Quantity Discount, 5 lbs. or more, 10c lb.

**Half-Long Chantenay**—Early and productive, stump roted. Rich orange in color, which is well retained when the carrots are cooked. Desirable for home and market garden.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 40c 1 lb. \$1.15

**Danvers Half-Long**—A favorite late carrot of great uniformity. Fine grained, tender, bright orange flesh, rich in flavor and very sweet.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 40c 1 lb. \$1.15

**Hutchinson**—Very prolific. Roots deep orange with greenish shoulder, nearly cylindrical, ending in abrupt stump end; flesh deep orange. Tender and of good quality.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 50c 1 lb. \$1.75

**Improved Long Orange**—A very large, late maturing table carrot which gives a tremendous yield on good deep soil. Roots are long and tapering with smooth skin and deep orange flesh. Valuable for stock feeding.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 35c 1 lb. 90c

**Imperator**—A new long variety with uniform taper, deep orange skin. Flesh deep orange. A big bright carrot for bunching.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 40c 1 lb. \$1.25

## Cauliflower

Is one of the most delicious varieties of the Cabbage family. Requires a rich deep soil. For an early crop, start the seed indoors dur-

## Cauliflower—Con.

ing March and set into the open by the end of April. For a main or fall crop sow the seed during June and plant out the latter part of July. Cultivate thoroughly and frequently. When heads begin to form, bunch the leaves together and tie loosely to protect them from the sun.



**Early Snowball**—The best and most widely used early variety. Plants dwarf, with short pale green leaves. Heads medium, firm, compact, solid, pure white, and of finest quality.

Pkt. 15c  $\frac{1}{4}$  oz. 60c  $\frac{1}{2}$  oz. \$1.00 Oz. \$1.75  
 $\frac{1}{4}$  lb. \$6.00 1 lb. \$20.00

**Erfurt Early Dwarf**—Large heads of uniform size, having a closely formed, very smooth, pure white curd of finest flavor.

Pkt. 15c  $\frac{1}{4}$  oz. 50c  $\frac{1}{2}$  oz. 85c Oz. \$1.50  
 $\frac{1}{4}$  lb. \$5.50 1 lb. \$18.00

**Early Paris**—A standard early variety, having large white compact heads.

Pkt. 10c  $\frac{1}{4}$  oz. 45c  $\frac{1}{2}$  oz. 75c Oz. \$1.25  
 $\frac{1}{4}$  lb. \$4.00 1 lb. \$12.00

**Danish Giant or Dry Weather**—Well adapted to dry weather conditions, later than Early Snowball and of larger growth. Heads creamy white, and of excellent quality.

Pkt. 15c  $\frac{1}{4}$  oz. 60c  $\frac{1}{2}$  oz. \$1.10 Oz. \$2.00  
 $\frac{1}{4}$  lb. \$6.50 1 lb. \$22.00

## Celery

Sow seed about the first of April in hot-bed or cold frame. Transplant four inches apart when three inches high in rich soil; water and protect until well rooted, then transplant into rows 3 feet apart either on surface or in trenches about 8 inches deep. Set the plants 4 to 5 inches apart, or for extra large stalks 6 to 8 inches. To blanch draw earth around the plants from time to time, this is continued until only the top leaves remain uncovered.



**Paris Golden, Self Blanching (French)**—One of the best market garden varieties. Also desirable for the home garden, the stalks are of a rich golden yellow color and of delicious flavor. Self blanching to a wonderful degree. Pkt. 10c Oz. 70c  $\frac{1}{4}$  lb. \$2.50 1 lb. \$9.00

**Boston Market**—Excellent fall variety for market garden use. Stalks of medium height form a cluster of heads, tender, crisp, with exceptionally mild flavor; blanches readily to creamy yellow.

Pkt. 5c Oz. 35c  $\frac{1}{4}$  lb. \$1.20 1 lb. \$4.00

**White Plume**—An extra early attractive variety, leaves bright green tinged with white; stalks medium, easily blanched to pure white; solid, crisp and of good quality.

Pkt. 5c Oz. 35c  $\frac{1}{4}$  lb. \$1.20 1 lb. \$4.00

**Golden Plume**—Also called Wonderful. Some gardeners consider it the best early variety. Resembles Golden Self Blanching but earlier. Medium height with compact, full heads, blanches readily to golden yellow; excellent quality.

Pkt. 10c Oz. 70c  $\frac{1}{4}$  lb. \$2.50 1 lb. \$9.00

**Winter Queen**—A medium dwarf winter variety. Stalks light green, broad, solid and crisp; blanches to a creamy white.

Pkt. 5c Oz. 25c  $\frac{1}{4}$  lb. 85c 1 lb. \$3.00

**Giant Pascal**—A late variety for winter use. Plants large, stocky, with dark green leaves. Stalks long, broad, and solid; blanches to yellow-white of excellent, nutty flavor.

Pkt. 5c Oz. 35c  $\frac{1}{4}$  lb. \$1.20 1 lb. \$4.00

**Easy Blanching**—A second early variety, excellent for home or market garden. Vigorous and compact in habit of growth, it blanches readily to attractive white, and is a good keeper. Stalks are thick, solid, and of good flavor.

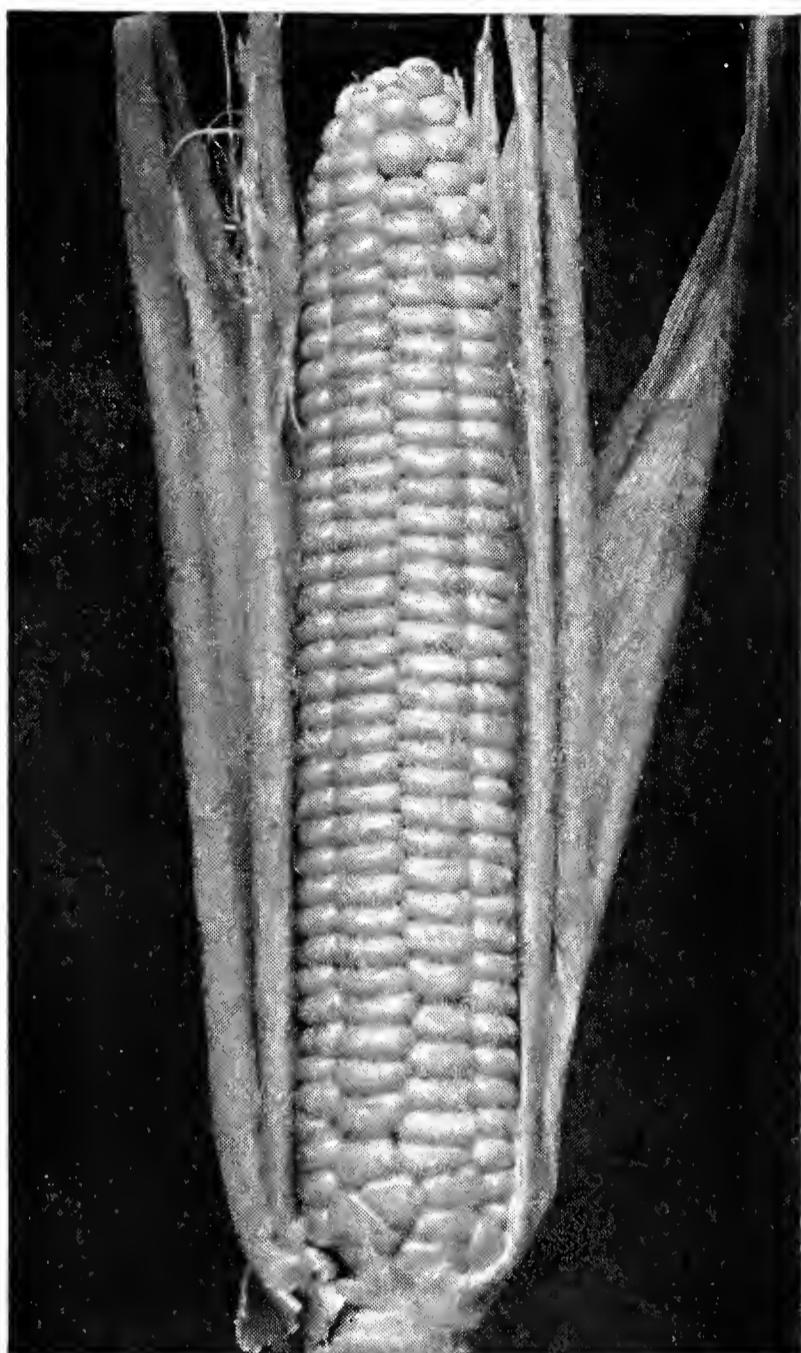
Pkt. 5c Oz. 35c  $\frac{1}{4}$  lb. \$1.20 1 lb. \$4.00

## Celeriac

**Giant Smooth Prague**—Known also as turnip-rooted celery. Plants dark green with hollow stalks. Roots smooth, spherical, 2 to 3 inches in diameter, used for flavoring.

Pkt. 5c Oz. 25c  $\frac{1}{4}$  lb. 85c 1 lb. \$3.00

## Corn



Field Varieties (At Market Prices)

**Early Canada Flint**—The earliest 8 rowed yellow corn. Medium sized grain, with a small cob.

**Early Yellow Dent (Conn. Grown)**—Good sized ears and matures in this latitude. Can be used for ensilage. Stalk not as large as most varieties.

**Eureka**—For ensilage only. Grows a mammoth stalk from 12 to 14 feet high with an abundance of foliage, and we believe will produce more tons of ensilage than any other variety.

**Golden Nugget, Early Yellow Flint**—Heavy in stalk, foliage and grain. Ears are eight rowed and 10 to 12 inches long.

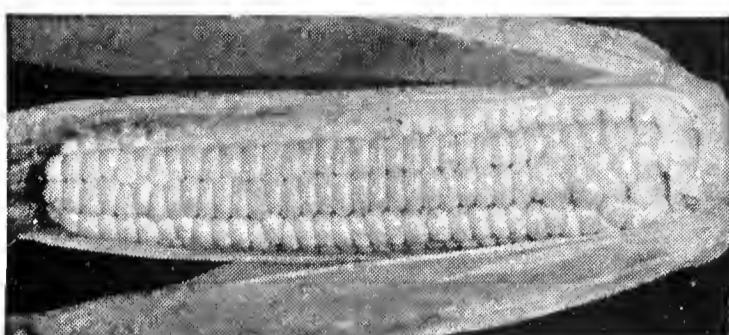
**Improved Leaming**—A favorite in the dairy-ing districts and well adapted to the average season. Stalks grow 8 to 12 ft. high with ears 9 to 11 inches long.

**Longfellow, Yellow Flint**—A well and favor-ably known variety, large, long ears.

**West Branch Sweepstakes**—Noted for earli-ness, productiveness and its adaptation to soil and climate. Stalks grow 10 to 12 ft. high with heavy foliage. Ears are large, averag-ing 12 inches in length, containing 14 to 20 rows of red, white capped and yellow tinged grains.

## SWEET VARIETIES

Requires a rich warm soil. For early varie-ties plant when ground has become well warmed, successive plantings may be contin-ued until July. Plant in hills about 3 ft. apart. One quart will plant 200 hills.



Golden Bantam

## EARLY VARIETIES

**Golden Cross Bantam**—Few days later than Golden Bantam, has 10 to 12 rowed ears, of superior quality. Stalks are stout and leafy and yield more than ordinary varieties. One of the outstanding hybrids from inbred strains for uniformity and resistance to Stewart's disease.

1 lb. 45c 5 lbs. \$2.00 15 to 100 lbs. at 30c lb.

**Marcross—Large Eared**—Yellow hybrid va-riety with 10-14 rowed ears of good quality. Heavy yield for an extra early variety.

1 lb. 45c 5 lbs. \$2.00 15 to 100 lbs. at 30c lb.

**Extra Early Golden**—The earliest yellow variety, 10 days earlier than Golden Bantam. Kernels golden yellow, tender, and of good flavor. Very prolific for so early a variety.

1 lb. 30c 5 lbs. \$1.10 15 to 100 lbs. at 16c lb.

**Golden Sunshine**—An early yellow variety with good sized ear, desirable for market gar-den use. Week earlier than Golden Bantam.

1 lb. 30c 5 lbs. \$1.10 15 to 100 lbs. at 16c lb.

**Columbia**—Earliest white variety. Very de-sirable for the early market. Good sized ears.

1 lb. 30c 5 lbs. \$1.10 15 to 100 lbs. at 16c lb.

**Golden Bantam**—The best known and most used of all the yellow varieties. Ears 8 rowed, kernels broad, with tender hull, sweet, and of exceptionally fine flavor. Widely used by mar-ket and home gardeners.

1 lb. 25c 5 lbs. \$1.00 15 to 100 lbs. at 15c lb.

**Whipple's Yellow**—One of the best early yellow varieties for home and market garden, maturing a few days later than Golden Ban-tam, with larger ears.

1 lb. 25c 5 lbs. \$1.00 15 to 100 lbs. at 15c lb.

## INTERMEDIATE VARIETIES

**Whipple's White**—An excellent mid-season variety with deep kernel. Stalks strong and erect, commonly bearing two ears, very sweet and tender.

1 lb. 30c 5 lbs. \$1.10 15 to 100 lbs. at 16c lb.

## Corn—Intermediate Varieties—Con.

**Golden Giant**—The result of crossing Golden Bantam and Howling Mob; ears are large, kernels golden yellow, of good quality.

1 lb. 30c 5 lbs. \$1.10 15 to 100 lbs. at 16c lb.

**Howling Mob**—A popular second early white variety with large ears of excellent quality.

1 lb. 30c 5 lbs. \$1.10 15 to 100 lbs. at 16c lb.

**Black Mexican**—Popular for home and market garden use. Ears 8 rowed. Kernels tender, very sweet, white at eating stage, changing to blue-black at maturity.

1 lb. 35c 5 lbs. \$1.25 15 to 100 lbs. at 20c lb.

## LATE VARIETIES

**Bantam Evergreen**—A cross of Golden Bantam and Evergreen having Evergreen type of ear with 14 to 18 rows. Kernels rich, golden yellow, sweet and of first quality.

1 lb. 30c 5 lbs. \$1.10 15 to 100 lbs. at 16c lb.

**Evergreen**—This is the old standard white variety for home and market gardens. Stalks 7 to 8 ft. Ears 8 in. long with 16 or more rows of the finest, large, sweet kernels.

1 lb. 30c 5 lbs. \$1.10 15 to 100 lbs. at 15c lb.

**Mammoth Sugar**—A late, large eared type, popular with market gardeners. Ears 12 to 16 rows. Kernels snowy white and of good flavor.

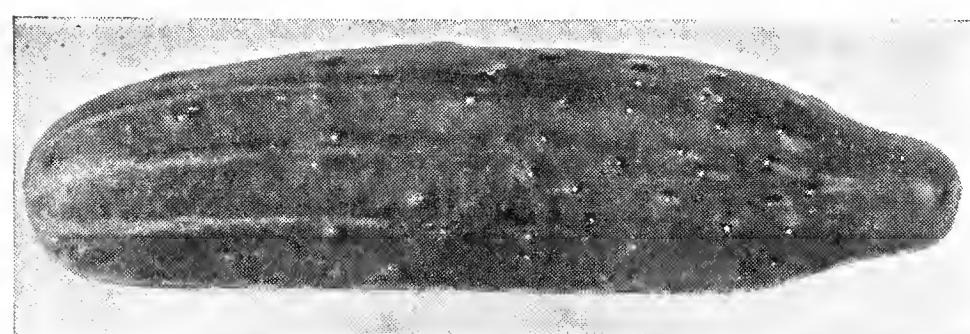
1 lb. 30c 5 lbs. \$1.10 15 to 100 lbs. at 16c lb.

## Cress

A desirable salad and garnishing plant. Should be sown thickly in drills, on good rich ground, in early spring.

Pkt. 5c Oz. 15c 1 lb. 75c

## Cucumber



Improved Long Green

To have the earliest cucumbers, start seeds in pots, small paper boxes or berry baskets in a warm place and transplant as soon as weather permits. For general crop plant seeds during May when ground is dry and warm in hills about 4 ft. apart; thin out to three or four plants to the hill when well established. For pickles plant the middle of June.

**Early Cluster**—A fine pickling variety. Very early, bears clusters of two and three. If kept gathered will continue to bear through a long season.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 40c 1 lb. \$1.25

**Long Island Beauty**—The largest eared variety. Similar to Mammoth Sugar, but with larger coarser ear 14 to 16 rowed. Very popular where extremely large ears are desired.

1 lb. 30c 5 lbs. \$1.10 15 to 100 lbs. at 16c lb.

FOR BEST RESULTS USE O. & W.  
CORN FERTILIZER

**Protect Your Seed Corn**

During the period when it is most easily damaged, by ridding your crop of crows and other corn-pulling birds and animals. It saves loss of seed and labor of replanting. It positively will not clog any planter. It is non-poisonous and will not injure the seed or any kind of corn. It is more effective, more convenient to use, and more economical than any other material.

(1 Quart) Enough for 4 bushels seed.	<b>\$1.75</b>
(1 Pint) Enough for 2 bushels seed.	<b>1.00</b>
( $\frac{1}{2}$ Pint) Enough for 1 bushel seed.	<b>.60</b>

**Stanley's CROW REPELLENT**

## Cress

**Curled**—A hardy, quick growing annual, having finely curled, deep green foliage, with pleasing pungent flavor; used for garnishing.

Pkt. 5c Oz. 15c 1 lb. 75c

## Cucumber



Improved Long Green

**Snow Pickling**—Early, prolific and very popular, deep green, black spined variety.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 40c 1 lb. \$1.25

**Green Prolific**—One of the best early cucumbers grown principally for pickling, dark green and of fine quality.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 40c 1 lb. \$1.25

**Boston Pickling**—Similar to Green Prolific. Excellent pickling variety, medium green, slightly tapered.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 40c 1 lb. \$1.25

## Cucumbers—Con.

**Improved Early White Spine**—Popular among older early sorts, very good for home garden use. Uniform good size and color.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 55c 1 lb. \$1.40

**Early Fortune**—An excellent table sort and grown extensively by market gardeners. Vigorous plants produce an enormous crop of dark green white spined cucumbers.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 45c 1 lb. \$1.40

**Davis Perfect**—A popular slicing variety. Deep dark green with white spines. Solid flesh of excellent quality. Small seed cavity.

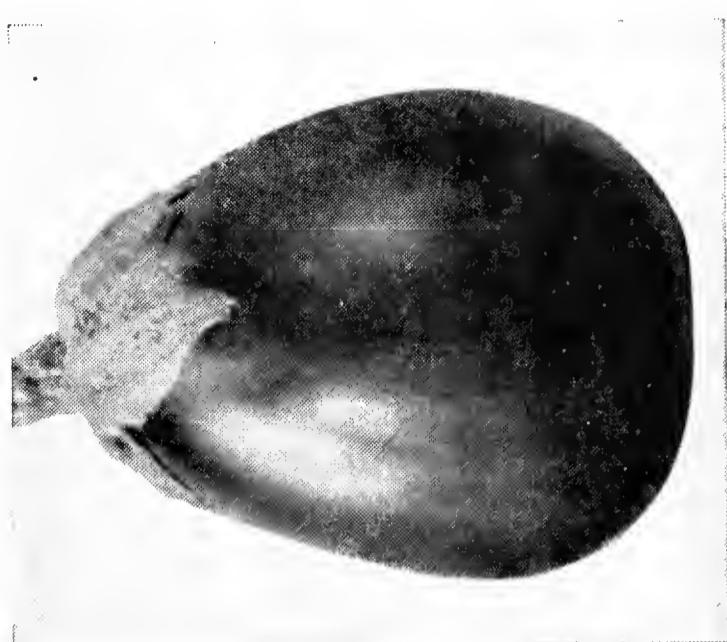
Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 45c 1 lb. \$1.40

**Longfellow**—A variety suited to outdoor or greenhouse culture. Very large and extremely dark green over entire surface and holds its color after pickling. White spined.

Pkt. 5c Oz. 20c  $\frac{1}{4}$  lb. 50c 1 lb. \$1.75

**Improved Long Green**—Standard late large black spined variety for home garden; excellent for slicing; hardy and prolific, deep green, straight, slightly tapered.

Pkt. 5c Oz. 20c  $\frac{1}{4}$  lb. 50c 1 lb. \$1.55



**Improved New York Purple**—The leading variety for home and market gardeners. Very productive of large smooth, broad oval, black-purple, glossy fruits. Very uniform.

Pkt. 10c Oz. 40c  $\frac{1}{4}$  lb. \$1.25 1 lb. \$4.00

**Black Beauty**—The earliest of all large fruited Egg Plants. The large egg-shaped purplish black fruits are smooth. And hold well after picking.

Pkt. 10c Oz. 40c  $\frac{1}{4}$  lb. \$1.25 1 lb. \$4.00

## Dandelion

Sow in drills 12 inches apart, covering seeds about one-half inch deep and thin plants to 4 inches apart in rows. One ounce will plant 100 feet of drill, one pound to the acre.

**Improved Thick-Leaved**—A highly desirable variety with thick broad leaves. Very productive.

Pkt. 10c Oz. 45c  $\frac{1}{4}$  lb. \$1.50 1 lb. \$5.50

**French Garden**—Low growing type, early and hardy; closely formed center and fairly large, cut leaves.

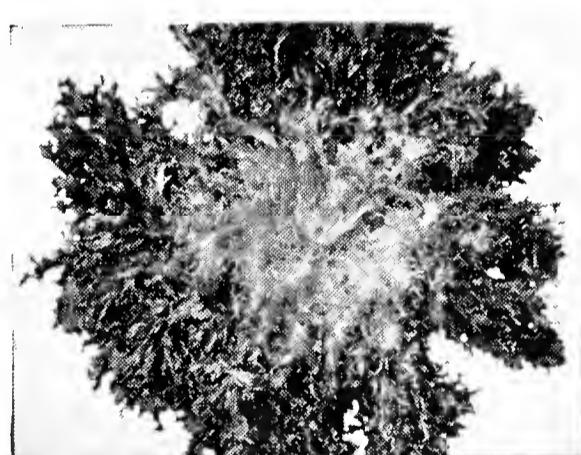
Pkt. 10c Oz. 25c  $\frac{1}{4}$  lb. 85c 1 lb. \$3.00

## Dill

### Used for Flavoring Pickles or as a Condiment

**Long Island Mammoth**—Grows 2 to 2½ ft. high, with finely cut leaves. Seeds flat and have a strong flavor.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 25c 1 lb. 75c



Green Curled

**Batavian Full Hearted (Escarolle)**—An improved strain of Batavian Broad Leaved, having larger leaf, broader, thicker head and earlier in maturity.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 40c 1 lb. \$1.25

**Green Curled**—Leaves are curled giving plants a feathery appearance. Color rich green. Very desirable for salads.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 40c 1 lb. \$1.25

**Moss Curled**—Grows more compact than green curled, leaf stems often tinged purple; blanches creamy white.

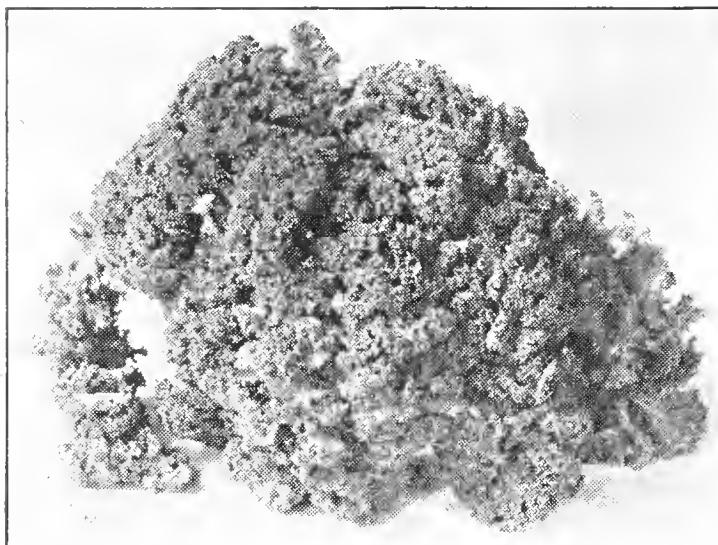
Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 40c 1 lb. \$1.25

## Egg Plant

Requires 4 to 6 weeks to produce plants for field setting. Seed should be sown in hotbed during March and when 2 or 3 inches high plants should be transplanted to pots. Set out in open ground during May in rows 3 feet apart, leaving 2 feet between plants.

## Kale

Plant the larger varieties in hills two by three feet apart and thin to one plant to the hill. Requires deep, rich soil. Set out plants in June and treat in same manner as for cabbage. One ounce will produce 2000 plants.



**Green Curled Scotch Dwarf**—Hardier than cabbage, standing almost zero temperature and is improved by frost. Plants grow about a foot high. Leaves are deep green.

Pkt. 5c. Oz. 15c  $\frac{1}{4}$  lb. 30c 1 lb. \$1.00

**Green Curled Scotch Tall**—Plants of this variety grow to a height of two or three feet. Color, etc., similar to dwarf.

Pkt. 5c. Oz. 15c  $\frac{1}{4}$  lb. 30c 1 lb. \$1.00

**Siberian (German Greens)**—A very vigorous spreading variety; leaves are large, plain in center, cut and frilled at edges; color a bluish green.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 25c 1 lb. 85c

## Kohl Rabi

An intermediate vegetable between the cabbage and turnip. Prepare as for cabbage. Sow in April in rows 18 inches apart and thin out to 8 inches apart in the row. One ounce gives 3000 plants.

**White Vienna**—An early dwarf variety, suitable for home or market garden. Color light green; flesh clear white.

Pkt. 5c Oz. 20c  $\frac{1}{4}$  lb. 65c 1 lb. \$2.25

**Purple Vienna**—Similar to White Vienna except in color.

Pkt. 5c Oz. 20c  $\frac{1}{4}$  lb. 65c 1 lb. \$2.25

## Leek

Sow in April in drills 1 inch deep and 1 foot apart. When 6 or 8 inches high trim off tops and transplant in rows 10 inches apart each way. Plant as deep as possible. When hoeing, earth up to blanch the necks.



**Large American Flag**—A very popular early variety, strong growing, stems rather thick, large medium green leaves, the gardener's favorite.

Pkt. 5c Oz. 25c  $\frac{1}{4}$  lb. 75c 1 lb. \$2.50

## Lettuce

Lettuce needs a rich and moist soil, should be sown in rows about 12 inches apart and the plants thinned to ten inches apart for the heading varieties. When not grown for head they may be sown broadcast. The more rapid the growth, the better the quality. One ounce for 3000 plants.

### HEADING VARIETIES



**Big Boston**

**Big Boston**—A very popular variety for cold frame forcing or open culture, medium size compact heads. Leaves are wavy at edges tinged reddish brown.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 45c 1 lb. \$1.50

**Crisp as Ice or Hartford Bronze Head**—Very popular home garden variety. Compact medium size heads. Leaves are thick and crumpled; green overlaid with dark brown, slow to start to seed, stands hot weather.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 45c 1 lb. \$1.50

**Lettuce—Heading Varieties—Con.**

**Hanson**—A good summer lettuce. Makes a large, solid, compact crisp head. Leaves are large and very broad, light green color. Very reliable.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 45c 1 lb. \$1.50

**Iceberg**—A large, late variety. Heads are compact, with whitish interior, crisp and sweet. Leaves light green with a touch of brown on edges. Different from New York variety which is sometimes called "Iceberg" by growers.

Pkt. 5c Oz. 20c  $\frac{1}{4}$  lb. 50c 1 lb. \$1.75

**May King**—An early variety for greenhouse forcing or outside planting. Small compact heads, with yellow interior. Leaves yellowish green, tinged with brown at edges. Fine flavor and quality.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 40c 1 lb. \$1.50

**New York No. 12**—Commonly sold in our markets as "Iceberg" but is of a different type. A very large, late variety, having a solid head with few outer leaves.

Pkt. 5c Oz. 20c  $\frac{1}{4}$  lb. 60c 1 lb. \$2.00

**New York No. 515**—Improved strain for summer planting, resistant to tip burn and harder heading than No. 12 strain in hot weather.

Pkt. 10c Oz. 25c  $\frac{1}{4}$  lb. 75c 1 lb. \$2.75

**Tennis Ball (black seeded)**—Also called Salamander. Very popular medium early variety. Medium sized round, firm heads of very good quality. Broad medium green crumpled leaves.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 40c 1 lb. \$1.50

**White Boston**—Similar to white seeded Big Boston. Leaves are slightly lighter green and have no brown tint. Stands heat very well.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 40c 1 lb. \$1.50

**LOOSE LEAVED VARIETIES**

**Simpson's Early Curled (also called Early Curled Silesia)**—An early, hardy variety with large crumpled, frilled leaves, light green color, very tender. White seed.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 40c 1 lb. \$1.50

**Prize Head**—One of the best varieties for broadcast cultivation. Color light brown on a medium green base, leaves crumpled and frilled at edges. White seed.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 40c 1 lb. \$1.50

**Cos or Romaine**

Belongs to the lettuce family but leaves are much thicker with a brittle midrib. Sometimes called celery lettuce

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 40c 1 lb. \$1.50

**Mustard**

Sow from April to June in drills one foot apart and cover seed lightly.

**White or English**—Used principally for salads. Leaves may be boiled and used as greens.

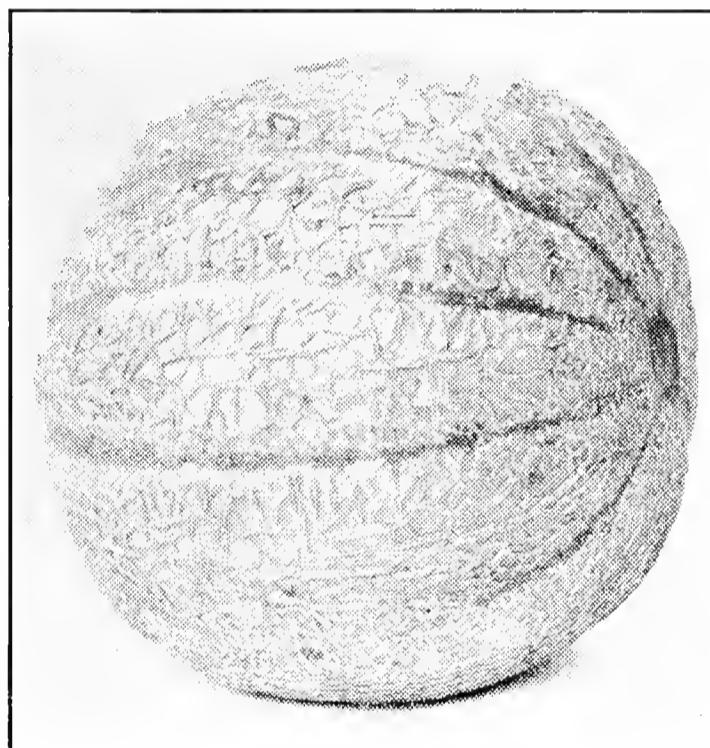
Pkt. 5c Oz. 10c  $\frac{1}{4}$  lb. 20c 1 lb. 45c

**Giant Curled**—Very hardy and most popular for greens. Large wide, bright green leaves, curly on edges.

Pkt. 5c Oz. 10c  $\frac{1}{4}$  lb. 25c 1 lb. 75c

**Muskmelons**

The most suitable soil for melons is rich, warm sandy loam. Plant early in May in hills 4 to 6 feet apart, placing 8 to 10 seeds in each hill. When all danger of insects has passed thin to 4 plants per hill.



Benders Surprise

**Benders Surprise**—One of the best. A large delicious, distinctly ribbed, oblong variety with full rounded ends. Bright salmon colored flesh of sweet flavor.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 45c 1 lb. \$1.50

**Delicious**—A very desirable early strain of Benders Surprise. Slightly smaller and earlier.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 45c 1 lb. \$1.50

**Emerald Gem**—A very popular early home garden variety. Deep emerald green color turning yellowish at maturity, globular, distinctly netted; flesh very thick with small seed cavity.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 35c 1 lb. \$1.25

**Hackensack**—A large somewhat flattened prominent ribbed type with little netting. Thick juicy green flesh.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 35c 1 lb. \$1.25

**Hearts of Gold**—A medium sized round, heavily netted melon of very good quality with thick orange flesh.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 35c 1 lb. \$1.25

## Muskmelons—Con.

**Honey Rock**—A very popular new large round, coarse netted melon. Thick orange-salmon flesh. Very sweet and juicy.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 35c 1 lb. \$1.25

**Osage or Miller's Cream**—A medium size, home garden variety. Dark green skin sparsely netted and ribbed. Thick fine grained salmon flesh of a very good flavor.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 35c 1 lb. \$1.25

**Lake Champlain**—A very early salmon fleshed medium sized melon.

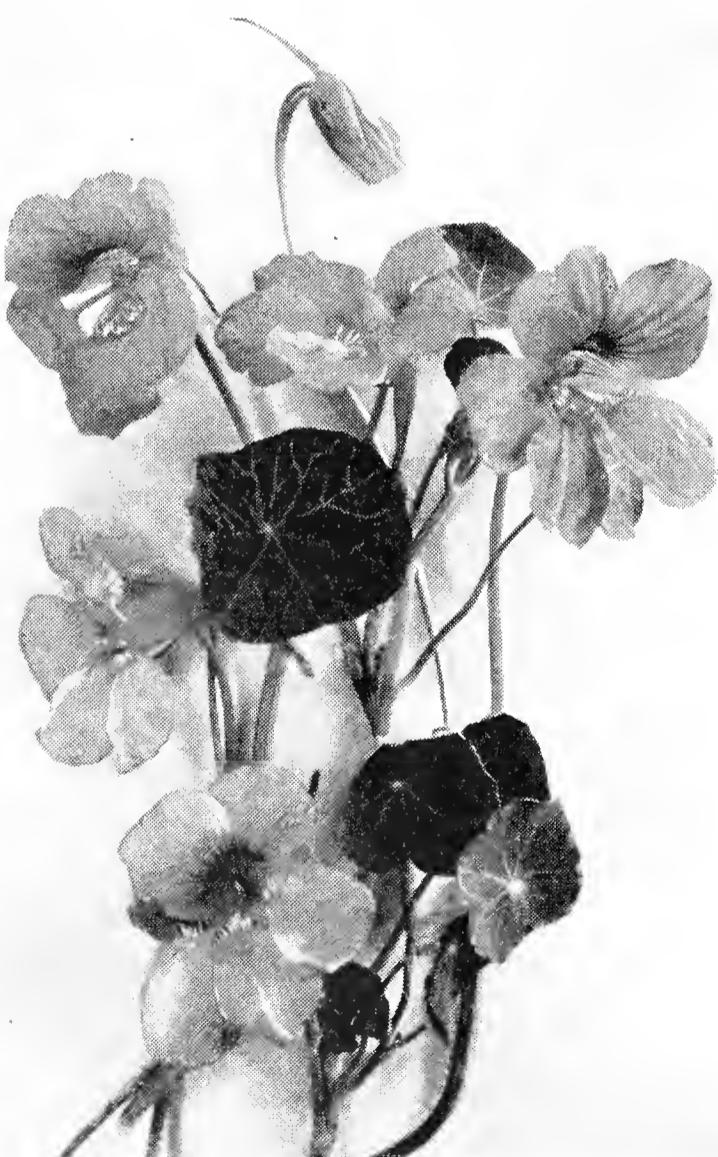
Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 35c 1 lb. \$1.25

**Rocky Ford or Netted Gem**—One of the most widely known of all cantaloupes. A small nearly round, heavily netted variety. Flesh is green with a gold tinge at center. Very thick and of fine flavor.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 35c 1 lb. \$1.25

## Nasturtium

Cultivated for both use and ornament. Young seeds may be used as capers and leaves for salad purposes. The beautiful flowers, blooming freely all summer add a charm to the garden and lawn. Plant in May.



A specially prepared blend of the proper proportions of the various colors to make the most beautiful display.

### Dwarf or Tall Mixed

Pkt. 5c Oz. 10c  $\frac{1}{4}$  lb. 25c

## Okra or Gumbo

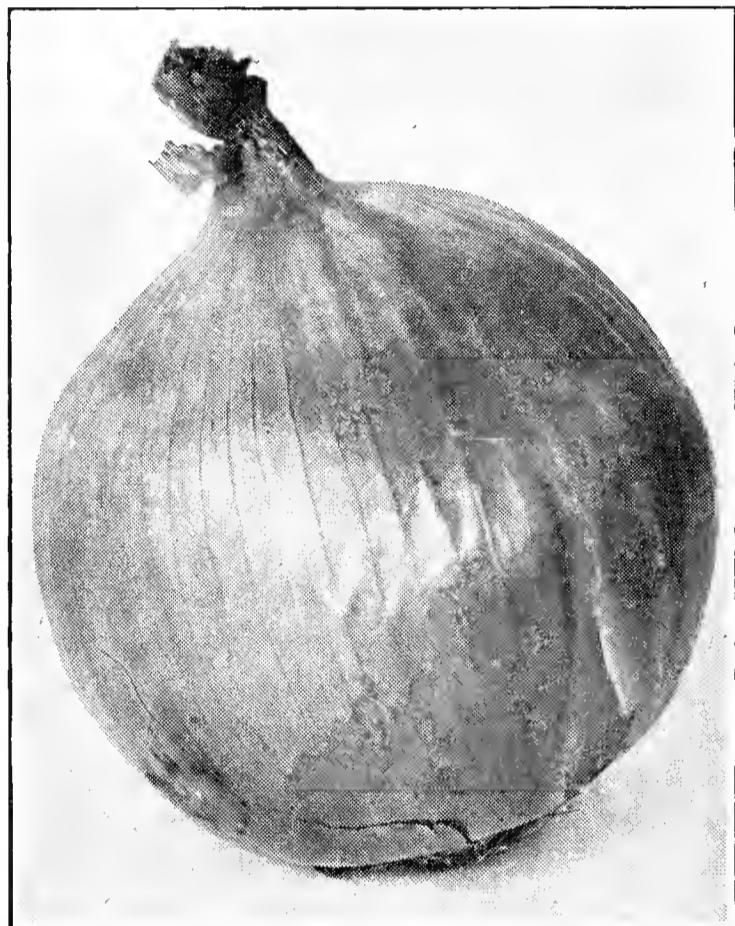
Sow thickly in drills 2 ft. apart and thin plants to a foot apart in the row. For winter use, when young slice into narrow pieces, string and hang in shade to dry, or may be pickled like cucumbers.

**Dwarf Green**—Early and productive. Pods are tender and are borne throughout the season.

Pkt. 5c Oz. 10c  $\frac{1}{4}$  lb. 20c 1 lb. 50c

## Onion

The onion thrives best in deep, loamy soil, well fertilized. Sow the seeds thinly in drills 1 foot apart. Cover seeds about  $\frac{1}{4}$  inch, roll and tread soil down solidly. When 3 inches high, thin out to 3 inches apart. Cultivate well and keep out weeds. One ounce seed will sow 100 feet of drill. Six pounds to one acre.



Yellow Globe

**Wethersfield Large Red**—One of the oldest and best known varieties. A large, flat bottom onion with sloping top. Very attractive in appearance. Smooth red outer skin. Flesh firm, very fine grain tinged with pink, strong flavor. Very productive and a good keeper.

Pkt. 5c Oz. 20c  $\frac{1}{4}$  lb. 60c 1 lb. \$2.00

**Southport Red Globe**—A very popular variety of good size, perfectly round, with small neck, deep red outer skin. White flesh, pink tinge, good flavor.

Pkt. 5c Oz. 25c  $\frac{1}{4}$  lb. 75c 1 lb. \$2.25

**Southport White Globe**—The best white variety. Very attractive. Medium size, pure white. Thin delicate skin. Flesh fine grained, crisp, and mild.

Pkt. 5c Oz. 35c  $\frac{1}{4}$  lb. \$1.10 1 lb. \$3.00

**White Portugal or Silverskin**—An all purpose variety. Bulbs medium size, hard, thick-flat, clear white, good flavor. Excellent for pickling.

Pkt. 5c Oz. 25c  $\frac{1}{4}$  lb. 70c 1 lb. \$2.25

## Onion—Con.

**Early Yellow Globe**—New early variety maturing from seed as early as the crop from onion sets. Fine shape and three weeks earlier than other globe shaped varieties.

Pkt. 5c Oz. 30c  $\frac{1}{4}$  lb. 90c 1 lb. \$3.00

**Southport Yellow Globe**—A standard late variety of good keeping quality. Large, solid golden brown, globe shaped bulbs, having a small neck and a heavy thick skin. White, mild, crisp flesh.

Pkt. 5c Oz. 30c  $\frac{1}{4}$  lb. 90c 1 lb. \$3.00

**Yellow Globe Danvers**—A popular strain of Yellow Globe, earlier than Southport. Bulbs are medium large, skin is light yellow; flesh white with faint tinge of yellow.

Pkt. 5c Oz. 25c  $\frac{1}{4}$  lb. 75c 1 lb. \$2.50

**Prize Taker**—Very productive. Bulbs large, globular, skin thin, lighter shade of yellow than Southport Yellow Globe; flesh coarse but mild and sweet.

Pkt. 5c Oz. 25c  $\frac{1}{4}$  lb. 75c 1 lb. \$2.35

**Japanese or Ebenezer**—Medium size, thick skin, firm, dark yellow, deep flat, medium size bulbs. An excellent variety for producing sets, which grow to a large size.

Pkt. 5c Oz. 20c  $\frac{1}{4}$  lb. 70c 1 lb. \$2.00

## Onion Sets

Should be planted as early as the ground can be worked in rows 12 inches apart. Set each about 3 inches apart. When onions are grown from sets they can be used in the green state in June, or will ripen by July.



**Ebenezer or Japanese**—Have light, golden brown skin with pure white flesh.

1 lb. 30c 4 lbs. \$1.00 8 lbs. \$1.75

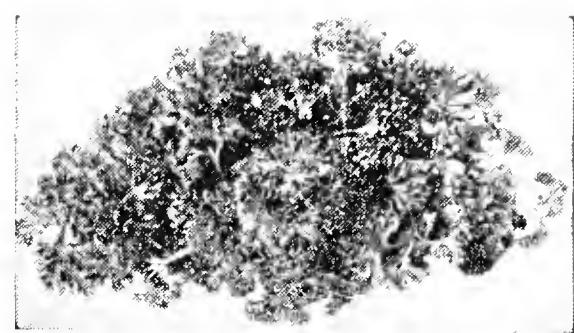
Ask for prices on larger quantities

## Parsley

Sow early in spring in drills 1 foot apart, covering lightly; thin out the plants to 3 to 4 inches apart; used for flavoring and garnishing. A single row forms a good edging for flower-beds or walks.

**Double Curled**—An attractive dwarf variety, with finely curled, moss like leaves of bright green color. Excellent for garnishing.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 30c 1 lb. 90c



**Hamburg**—(Turnip Rooted.) Edible roots, resemble small parsnips. Extensively used for flavoring soups and stews. Leaves plain, deeply cut.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 30c 1 lb. 90c

**Moss Curled**—A vigorous growing, compact, very productive variety. Finely cut, thickly curled, leaves are of a very dark green color, excellent for home and market garden.

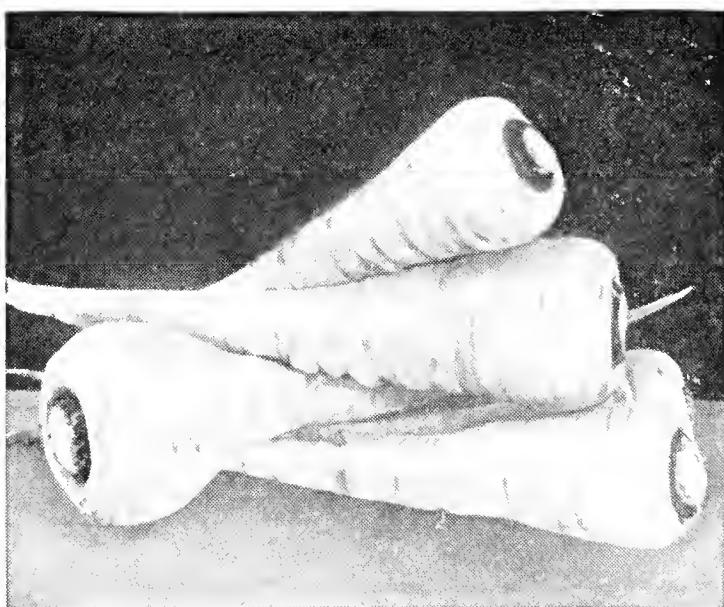
Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 30c 1 lb. 90c

**Plain or Single**—Also known as Hardy Italian. Used largely for seasoning, not so attractive for garnishing. Large, plain, dark green, flat, deeply cut leaves.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 30c 1 lb. 85c

## Parsnip

Make the soil very fine and plant the seed very early, in rows eighteen inches apart, thinning plants to three or five inches in the rows, seeds should be covered about one-half inch deep. Parsnips, aside from table use, have great value for stock-feeding purposes. Are improved by allowing to remain in open ground through the winter. One ounce to 150 feet of drill; five pounds for one acre.



**Ideal Hollow Crown**—Attractive medium-long smooth white roots. Tender and of fine flavor. Very free from side roots.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 25c 1 lb. 70c

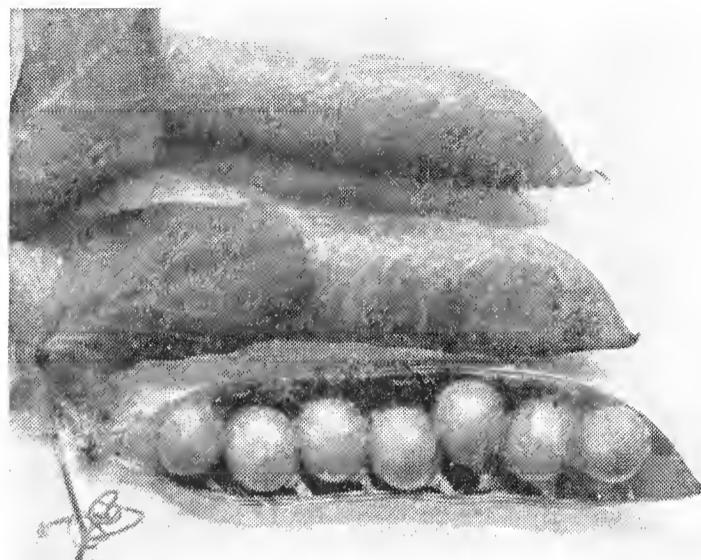
**Long Smooth White**—A wonderful cropper. Roots 12 to 15 inches long, 2½ to 3 inches thick at shoulder. A hardy variety, grown largely for stock.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 25c 1 lb. 70c

## Peas

The wrinkled varieties, while the sweetest of all peas, are more liable to rot, being tender, and need to be planted thicker and later than the round, hard sorts. Soil needs to be well

fertilized. Have the dwarf varieties in rows two and one-half feet apart; those kinds growing two or three feet high, in rows three feet apart, and the tallest in rows four feet apart. The smooth varieties may be sown as soon as ground can be worked; the wrinkled sorts when soil is well warmed. One quart to 100 feet of drill; one and one-half bushels to an acre.



Suttons Excelsior

#### SMOOTH ROUND SEEDED VARIETIES

**Alaska**—A very early variety, slender light green vines from 2 to 2½ feet high. Pods contain 6 to 8 small bluish green peas.

1 lb. 30c 2 lbs. 50c 5 lbs. \$1.00  
15 to 100 lbs. @ 16c lb.

**East Hartford Extra Early**—An extra early variety growing 2½ ft. tall. The vines are very productive, carrying an abundance of well-filled pods containing small luscious peas.

1 lb. 30c 2 lbs. 50c 5 lbs. \$1.00  
15 to 100 lbs. @ 16c lb.

#### WRINKLED SEEDED VARIETIES

**Dwarf Alderman**—(Improved Dwarf Telephone.) A late larger podded productive sort. Very popular home and market garden variety.

1 lb. 30c 2 lbs. 55c 5 lbs. \$1.20  
15 to 100 lbs. @ 18c lb.

**Gradus**—(Worlds Record Strain.) Popular variety, growing about 2½ ft. tall and bearing an enormous crop of nearly straight pods 3½ to 4 inches in length containing 6 to 8 large peas of a very good flavor, can be planted nearly as early as the smooth varieties.

1 lb. 30c 2 lbs. 50c 5 lbs. \$1.00  
15 to 100 lbs. @ 16c lb.

**Hundredfold**—One of the best known early dwarf large podded sorts. Very prolific and attractive. Popular with home and market gardeners because it bears a heavy crop of excellent quality.

1 lb. 30c 2 lbs. 55c 5 lbs. \$1.10  
15 to 100 lbs. @ 17c lb.

**Suttons Excelsior**—An Improvement of Nott's Excelsior, with large pods and greater productiveness. Height 16 inches.

1 lb. 30c 2 lbs. 55c 5 lbs. \$1.10  
15 to 100 lbs. @ 17c lb.

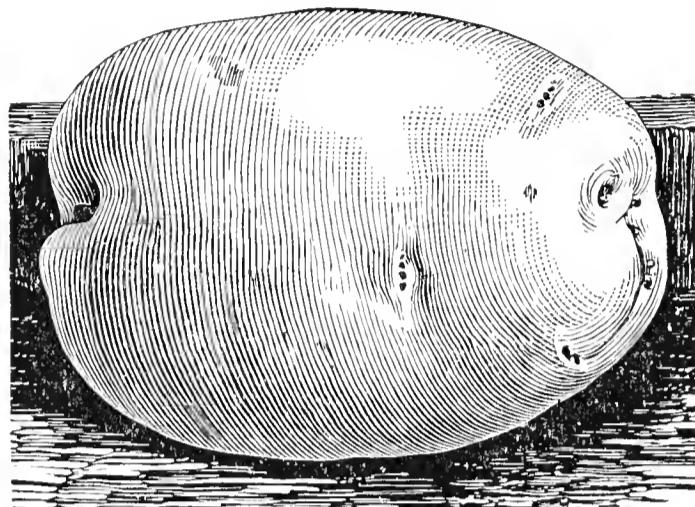
**Telephone Tall**—A giant podded, mid-season variety. Vines 4½ to 5 ft., color dark green. Immensely productive and of the finest quality.

1 lb. 30c 2 lbs. 50c 5 lbs. \$1.10  
15 to 100 lbs. @ 15c lb.

**Thomas Laxton**—A popular medium early variety. Vines 2½ to 3 feet, medium dark green with dark green pods 3½ in. long containing 7 to 8 large, tender peas of very good quality.

1 lb. 30c 2 lbs. 50c 5 lbs. \$1.10  
15 to 100 lbs. @ 17c lb.

## Potatoes



#### IT PAYS TO PLANT NORTHERN GROWN CERTIFIED SEED POTATOES

Keep your own costs down by raising more bushels per acre, and this can be done by planting Northern Grown Certified Seed.

Seed from the North comes to you with a vigor which your home grown seed does not possess. This fact is recognized by successful potato growers.

We sell certified seed and we select our seed from farms that have produced full crops, that show a low disease count, and finally are stored, handled and shipped by men whose business is seed and have pride in their product.

During the season just past—1935—we have had an opportunity to observe the results obtained from planting home grown seed, and to compare the yields with fields planted with northern grown certified seed. The low price at which potatoes were selling in 1935 induced some farmers to plant their own seed, and in every case that came to our attention, they harvested a much reduced yield. In one extreme case, the crop hardly paid for digging. The fact that northern certified seed yields more per acre is admitted by all of our commercial growers.



Spraying potatoes on the farm of Frank Clark, Windsorville, Conn. Mr. Clark grows 150 acres of potatoes and uses O&W fertilizer. The above photograph showing the spraying of his fields was taken July 23, 1935.

## Peppers

Should be started in hotbeds, and transplanted into open ground by end of May; set in rows eighteen inches apart and plants about twelve inches apart in the rows. One ounce of seed will produce about 3000 plants.



Ruby King

**Bull Nose or Large Bell**—A standard early sweet variety. Plants small and erect. Fruits 3 to 3½ inches long and 3 inches thick. Deep green changing to scarlet red; mild flavor.

Pkt. 5c Oz. 35c ¼ lb. \$1.25 1 lb. \$4.00

**Bull Nose Hot**—A popular medium sized hot variety.

Pkt. 5c Oz. 35c ¼ lb. \$1.25 1 lb. \$4.00

**California Wonder**—One of the finest mild flavored early large varieties. Crisp, tender and sweet. Original color dark green, changing to crimson when ripe.

Pkt. 5c Oz. 50c ¼ lb. \$1.65 1 lb. \$6.00

**Chinese Giant**—An extra large mid-season variety. Very mild and sweet. Plant grows 2 ft. high. Fruit is about 4½ in. long. 4 to 5 inches in diameter.

Pkt. 5c Oz. 40c ¼ lb. \$1.50 1 lb. \$5.00

**Harris Early Giant**—A large early sweet variety. Plants very productive, bearing 12 to 14 fruits, resembles Bull Nose.

Pkt. 5c Oz. 40c ¼ lb. \$1.30 1 lb. \$4.50

**Large Red Cherry**—A smooth, round, hot sort. Very productive. Popular for use in pickles.

Pkt. 5c Oz. 40c ¼ lb. \$1.40 1 lb. \$5.00

**Large Squash**—A thick flesh early hot variety.

Pkt. 5c Oz. 35c ¼ lb. \$1.25 1 lb. \$4.00

**Long Red Cayenne**—A favorite early hot sort, used principally for canning. Conical shaped 3½ to 4½ inches long, 1 inch through, deep green changing to bright red.

Pkt. 5c Oz. 40c ¼ lb. \$1.40 1 lb. \$5.00

**Neapolitan**—(Sweet Italian.) A very early, medium large sweet variety. Fruits yellowish green, becoming bright red.

Pkt. 5c Oz. 35c ¼ lb. \$1.25 1 lb. \$4.00

**Ruby King**—A large, early, sweet favorite for home or market garden. Thick flesh, deep green, becoming red when ripe.

Pkt. 5c Oz. 35c ¼ lb. \$1.25 1 lb. \$4.00

**Sweet Mountain**—Another large medium early thick fleshed, sweet sort, very productive.

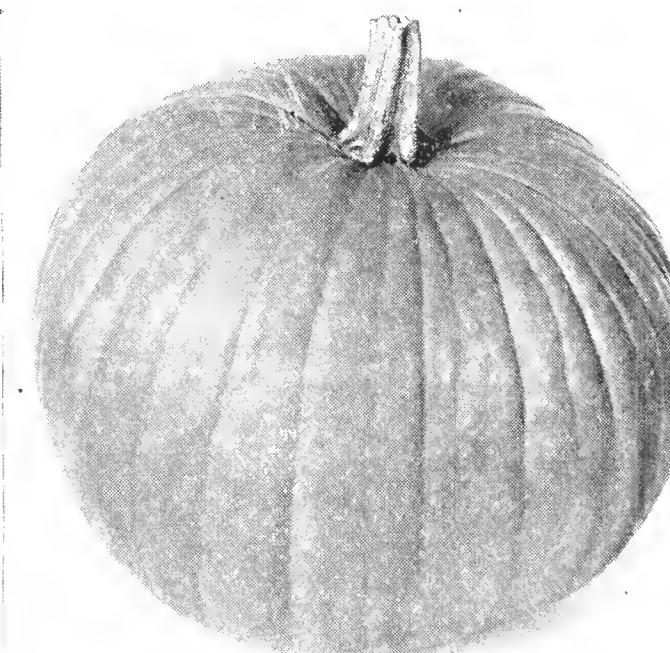
Pkt. 5c Oz. 35c ¼ lb. \$1.25 1 lb. \$4.00

**World Beater**—A cross between Chinese Giant and Ruby King. Very popular with market gardeners. Flesh thick, mild and very sweet.

Pkt. 5c Oz. 35c ¼ lb. \$1.25 1 lb. \$4.00

## Pumpkin

Sow in good soil the latter part of May when ground has become warm, in hills 8 ft. apart each way. Cover seed about 1 inch. May be sown in fields with corn by dropping 2 or 3 seeds in every fourth hill.



**Small Yellow Sugar**—A small round early sort, extensively grown by home and market gardeners. Fruits 8 to 10 inches in diameter, weighing 6 to 8 lbs. Smooth, deep orange skin; flesh yellow orange. Best for pies.

Pkt. 5c Oz. 15c ¼ lb. 30c 1 lb. 80c

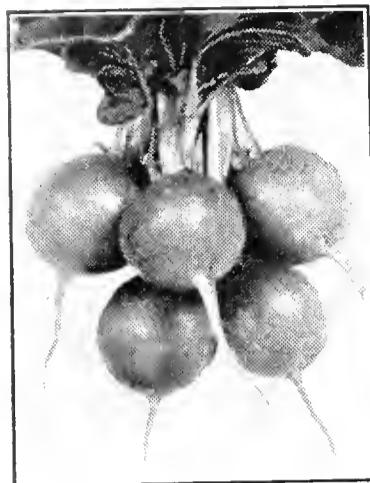
**Large Cheese**—Shaped flat like a cheese box. Grow large, weighing 9 to 10 lbs. Very popular with market gardeners. Flesh yellow, very thick, and of fine quality.

Pkt. 5c Oz. 15c ¼ lb. 30c 1 lb. 85c

**Connecticut Yellow Field**—A large, smooth, hard surface, slightly oval variety. Used extensively for canning, popular for pies, and excellent for stock feeding.

Pkt. 5c Oz. 15c ¼ lb. 25c 1 lb. 75c

## Radish



For early use sow in spring as soon as ground can be worked. Sow in drills six to ten inches apart and thin out to one inch apart in the rows, as the roots are more tender and brittle when grown quickly, a rich light soil is preferred. For a succession sow every two weeks. One ounce will sow 100 feet of drill; eight pounds for an acre.

Quantity discount 5 lbs. or more 10c lb.

**Early Deep Scarlet**—One of the very earliest round forcing varieties. Bright scarlet skin, white crispy flesh.

Pkt. 5c Oz. 10c  $\frac{1}{4}$  lb. 25c 1 lb. 75c

**Early Scarlet Turnip**—A standard early round sort. Red with small white tip. Crisp and mild. Popular for forcing or outdoor culture.

Pkt. 5c Oz. 10c  $\frac{1}{4}$  lb. 25c 1 lb. 75c

**Early Scarlet Globe**—Equally valuable for outdoor planting or forcing under glass. Globe shaped. Skin bright scarlet. Flesh white, tender and fine quality.

Pkt. 5c Oz. 10c  $\frac{1}{4}$  lb. 25c 1 lb. 65c

**French Breakfast**—An early rich scarlet white tipped, oblong variety. Develops best under glass, but does well in outdoor culture.

Pkt. 5c Oz. 10c  $\frac{1}{4}$  lb. 25c 1 lb. 75c

**Giant White Stuttgart**—A popular summer and fall variety. Smooth, white top shaped roots 3 to 4 inches in diameter.

Pkt. 5c Oz. 10c  $\frac{1}{4}$  lb. 25c 1 lb. 85c

**Rose China**—A popular winter sort. Roots 4 to 5 inches long, 2 inches in diameter at shoulder. Skin is deep rose red color. Flesh white, firm and pungent.

Pkt. 5c Oz. 10c  $\frac{1}{4}$  lb. 30c 1 lb. \$1.00

**Round Black Spanish**—A round winter variety somewhat top-shaped, 3 to 4 inches in diameter. Skin black, flesh white. An excellent keeper.

Pkt. 5c Oz. 10c  $\frac{1}{4}$  lb. 30c 1 lb. \$1.00

**Long Black Spanish**—One of the best keeping winter varieties. Roots 7 to 9 inches long, 2 to 2½ inches in diameter. Skin very dark purple, almost black, somewhat wrinkled. Flesh is white, solid and pungent.

Pkt. 5c Oz. 10c  $\frac{1}{4}$  lb. 30c 1 lb. \$1.00

**Long White Icicle**—Pure white roots, 5 to 5½ inches long and 1 inch thick, tapering at the tip. Suitable for forcing or outdoor culture. Mild flavor.

Pkt. 5c Oz. 10c  $\frac{1}{4}$  lb. 25c 1 lb. 80c

**White Turnip**—The earliest white variety. Small turnip shaped roots. Clear white throughout. Tender.

Pkt. 5c Oz. 10c  $\frac{1}{4}$  lb. 25c 1 lb. 75c

## Rhubarb

Propagate from roots in richly prepared soil. Plants should be set five feet apart.

**Victoria Giant**—A very prolific sort with straight stalks of crimson color and delicious flavor. Excellent for pies, preserving, etc.

25c a root.

Special price in large quantities.

## Salsify or Vegetable Oyster

Sow early in spring in light rich soil in drills fourteen inches apart and thin out to three inches apart in the row. The roots will be ready for use in October. When cooked the flavor resembles the oyster.

**Sandwich Island Mammoth**—This variety grows to an unusually large size. Roots 6 to 8 inches long, 1½ inches thick, tapering.

Pkt. 5c Oz. 20c  $\frac{1}{4}$  lb. 60c 1 lb. \$2.00

## Spinach

For very early spring use sow in August, for summer use sow in early spring, in drills about ten or twelve inches apart, covering the seed one inch deep. To obtain a succession sow at intervals of two weeks through the season. One ounce to 100 feet of drill, 10 pounds to one acre.

**Savoy Leaved Reselected**—(Dark Green.) A popular quick growing variety for spring or fall sowing, runs to seed quickly in summer. Extra dark thick leaves, finely curled.

Oz. 10c  $\frac{1}{4}$  lb. 15c  $\frac{1}{2}$  lb. 25c 1 lb. 40c  
5 to 15 lbs. @ 22c lb. 25 lbs. @ 20c lb.

**Savoy Leaved Long Standing**—Improved savoy type, best for late spring and summer sowing. Only a few days later than reselected savoy, it stands a week or more longer before going to seed.

Oz. 10c  $\frac{1}{4}$  lb. 15c  $\frac{1}{2}$  lb. 25c 1 lb. 40c  
5 to 15 lbs. @ 22c lb. 25 lbs. @ 20c lb.

**Savoy Leaved Blight Resisting**—A very special strain, developed for blight resistance. Vigorous plants and very hardy. Best variety for fall planting and to winter over. Runs to seed quickly if sown at other seasons.

Oz. 10c  $\frac{1}{4}$  lb. 15c  $\frac{1}{2}$  lb. 25c 1 lb. 40c  
5 to 15 lbs. @ 24c lb. 25 lbs. @ 20c lb.

**Old Dominion**—A cross between Savoy Leaved Blight Resisting and King of Denmark. New Long Standing variety for summer and fall sowing.

Oz. 10c  $\frac{1}{4}$  lb. 15c  $\frac{1}{2}$  lb. 25c 1 lb. 40c  
5 to 15 lbs. @ 25c lb. 25 lbs. @ 22c lb.

**Nobel Giant**—(Giant Thick Leaved.) A popular viroflay type. Plants very vigorous and spreading with large thick, smooth, deep green leaves.

Oz. 10c  $\frac{1}{4}$  lb. 15c  $\frac{1}{2}$  lb. 25c 1 lb. 40c  
5 to 15 lbs. @ 25c lb. 25 lbs. @ 22c lb.

## Spinach—Con.

**Large Viroflay Reselected**—One of the best mid-season market garden varieties. Large vigorous growing plants with long, broad, thick, smooth leaves.

Oz. 10c  $\frac{1}{4}$  lb. 15c  $\frac{1}{2}$  lb. 25c 1 lb. 40c  
5 to 15 lbs. @ 22c lb. 25 lbs. @ 18c lb.

**King of Denmark**—Exceptionally long standing variety. Large, slow growing plants with broad, rounded, dark green leaves, somewhat blistered. Excellent for spring planting.

Oz. 10c  $\frac{1}{4}$  lb. 15c  $\frac{1}{2}$  lb. 25c 1 lb. 40c  
5 to 15 lbs. @ 24c lb. 25 lbs. @ 22c lb.

**Princess Juliana**—Improved long season summer spinach. Compact plants with large, thick, crumpled, rounded leaves. Fine for home and market gardens.

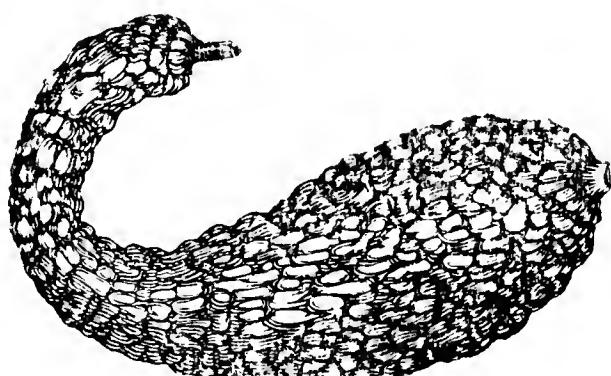
Oz. 10c  $\frac{1}{4}$  lb. 15c  $\frac{1}{2}$  lb. 25c 1 lb. 40c  
5 to 15 lbs. @ 24c lb. 25 lbs. @ 22c lb.

**New Zealand**—A distinct variety, thrives on most any soil in hot, dry weather. Large spreading plants, with small, broad, pointed leaves. The tender leafy shoots may be picked repeatedly throughout the summer.

Oz. 10c  $\frac{1}{4}$  lb. 20c 1 lb. 60c  
5 to 15 lbs. @ 50c lb. 25 lbs. @ 45c lb.

## Squash

Requires rich, warm soil. Plant in hills nine to ten feet apart for running varieties, and five or six feet apart for bush sorts. Leave two or three plants to a hill. Cultivate frequently. One ounce will sow twenty to forty hills; two to four lbs. per acre.



Summer Crookneck

### SUMMER VARIETIES

**Cocozelle or Italian Vegetable Marrow. (Bush.)** Very attractive, dark green marbled with yellow and lighter green stripes. Grows 18 to 20 inches long and 4 inches in diameter if left to mature. Best if picked when 5 or 6 inches in length.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 40c 1 lb. \$1.30

**Early White Bush Scallop**—Early creamy white, scallop shaped squash with light green flesh. Vines very prolific, bear continuously.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 35c 1 lb. \$1.00

**Early Summer Crookneck**—Very prolific. Extensively used by home and market gardeners. Warted orange yellow skin with thick light yellow flesh.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 35c 1 lb. \$1.00

**Giant Summer Crookneck**—Similar to the early variety, but much later and grows larger.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 35c 1 lb. \$1.00

**Giant Summer Straightneck**—A new sort. Selected from Crookneck varieties. Most popular with market gardeners. Its superiority lies in its straightness which permits easy packing.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 40c 1 lb. \$1.25



Hubbard

### WINTER VARIETIES

**Blue Hubbard**—Bluish gray skin. Bright yellow, thick, fine grained flesh of good quality. A good keeper.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 40c 1 lb. \$1.35

**Golden Hubbard**—Earlier than other Hubbard varieties. Fruits slightly smaller. Skin is a light golden yellow and warted. Flesh deep golden yellow.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 40c 1 lb. \$1.30

**Improved Green Hubbard**—The most popular home and market garden sort. Pointed at both ends. Tough, deep, green skin slightly warted. Flesh orange yellow, very thick, fine grained.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 40c 1 lb. \$1.25

**Boston Marrow**—A popular, late fall variety. Resembling Hubbard in size and shape. Hard, deep orange skin somewhat rough with thick yellow flesh.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 35c 1 lb. \$1.00

**Golden Delicious**—Fruits top-shaped. Color bright orange, with green tip. Flesh, golden orange, sweet and dry.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 45c 1 lb. \$1.50

**Mammoth Chili**—Largest of all varieties, growing upwards of 100 lbs. Skin mottled deep orange and yellow. Flesh thick, stringy and coarse. Grown for stock feeding and exhibition purposes.

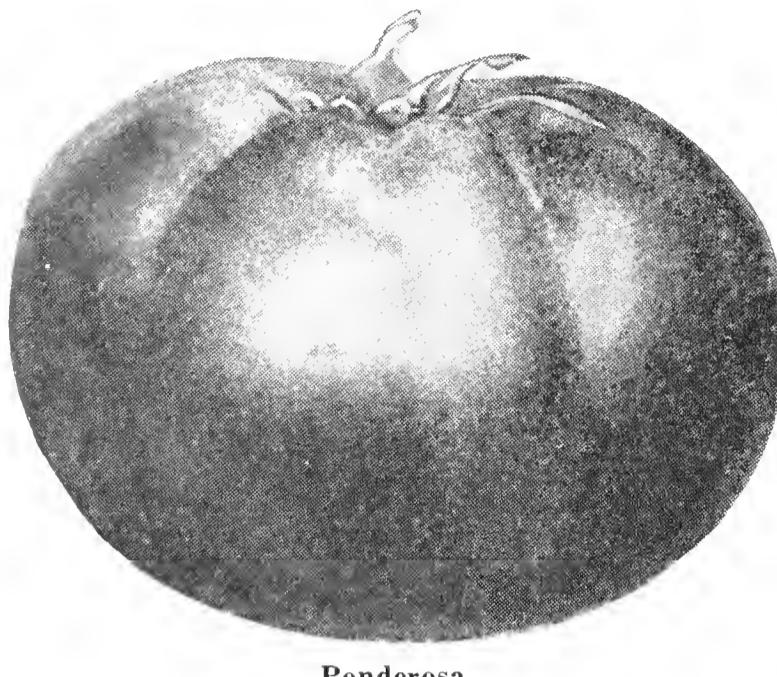
Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 40c 1 lb. \$1.35

**Table Queen**—An excellent table variety. Small acorn shaped fruits with thin dark green shell and light yellow flesh. Bakes dry and sweet.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 40c 1 lb. \$1.35

## Tomato

Sow the seed in March or April in hot bed. Transplant when plants are five inches high to open ground, after danger from frost has passed. Should be set four feet apart each way, on mounds of earth, to allow foliage to open and sun to reach the fruit.



Ponderosa

## EARLY VARIETIES

**Bonny Best**—A general purpose variety, valuable for forcing, bear in clusters. Medium sized, smooth, bright scarlet red, flattened globe-shaped fruits.

Pkt. 5c Oz. 30c  $\frac{1}{4}$  lb. \$1.00 1 lb. \$3.50

**Earliana**—An extra bright red, medium sized tomato. Nearly round, fleshy and solid. Popular with home and market gardeners.

Pkt. 5c Oz. 30c  $\frac{1}{4}$  lb. \$1.00 1 lb. \$3.50

## MAIN CROP VARIETIES

**Acme**—A popular medium sized variety, slightly oval with purplish pink skin and deep scarlet flesh. Vines are large. Bear in clusters continuously.

Pkt. 5c Oz. 30c  $\frac{1}{4}$  lb. \$1.00 1 lb. \$3.50

**Dwarf Champion**—Plant of dwarf tree type, with very dark green leaves. Can be planted closer together. Medium size, nearly round, purplish-pink, solid fruits.

Pkt. 5c Oz. 40c  $\frac{1}{4}$  lb. \$1.30 1 lb. \$4.75

**Marglobe**—A heavy producer of medium sized, smooth, deep globe shaped, bright red fruits. Popular with market gardeners.

Pkt. 5c Oz. 30c  $\frac{1}{4}$  lb. \$1.00 1 lb. \$3.50

**Ponderosa**—Largest purplish-pink variety grown. Fruits somewhat flat with very thick, solid flesh, and a small seed cavity. Delightful mild flavor.

Pkt. 5c Oz. 40c  $\frac{1}{4}$  lb. \$1.40 1 lb. \$5.00

**Pritchard**—A scarlet, self-topping disease-resistant variety developed by Dr. F. T. Pritchard of the U. S. Dept. of Agriculture. Fruits are large, smooth, globular shaped, with solid, thick walls. Color a bright scarlet. Valuable for market garden use.

Pkt. 5c Oz. 35c  $\frac{1}{4}$  lb. \$1.25 1 lb. \$4.00

**Stone**—One of the best table varieties. Somewhat flattened, solid, smooth, medium sized fruits. Vines grow large and are very productive.

Pkt. 5c Oz. 30c  $\frac{1}{4}$  lb. \$1.00 1 lb. \$3.50

**Yellow Plum**—Used for preserves. Small yellow fruits about 2 inches long and 1 inch thick, shaped like a plum.

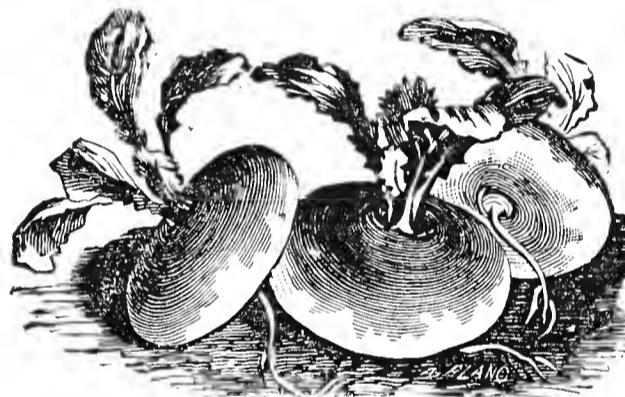
Pkt. 5c Oz. 50c  $\frac{1}{4}$  lb. \$1.75



Tomatoes grown by Peter White, market gardener of Feeding Hills, Mass. A user of O&W fertilizers for many years. Photograph taken July 19, 1935.

## Turnip

For early varieties sow as soon as the ground can be worked in spring. For fall and winter use, seed should be sown from the middle of July to middle of August, seed generally sown broadcast, using one pound to the acre.



Purple Top Strap Leaf

Quantity discount 5 lbs. or more 10c lb.

## WHITE FLESHED VARIETIES

**Cow Horn or Long White**—Grown largely for stock feeding. Roots 12 to 15 inches long. White with light green top. Flesh tender and flavor mild.

Pkt. 5c Oz. 10c  $\frac{1}{4}$  lb. 20c 1 lb. 65c

**Early Purple Top Milan**—A very early variety. Good for forcing, as well as garden cultivation. Roots medium size, very flat with small tap root.

Pkt. 5c Oz. 10c  $\frac{1}{4}$  lb. 25c 1 lb. 80c

**Early White Flat Dutch**—Small erect strap leaved tops. Roots flat,  $1\frac{1}{2}$  inches in depth, fine grained, very sweet and tender.

Pkt. 5c Oz. 10c  $\frac{1}{4}$  lb. 20c 1 lb. 65c

**Purple Top Strap Leaf**—A medium early home and market garden variety. Roots white with purple tops, flat, about 5 inches across.

Pkt. 5c Oz. 10c  $\frac{1}{4}$  lb. 20c 1 lb. 65c

**Purple Top White Globe**—The most popular white variety for general cultivation. Globe shaped, roots grow 5 to 6 inches in diameter. Best for table use when about 3 inches.

Pkt. 5c Oz. 10c  $\frac{1}{4}$  lb. 20c 1 lb. 65c

## Turnip—Con.

**White Egg**—A quick growing sort. Roots egg-shaped 3 inches long and about  $2\frac{1}{2}$  inches thick. Thin skin. Grows nearly half above ground.

Pkt. 5c Oz. 10c  $\frac{1}{4}$  lb. 20c 1 lb. 65c

## YELLOW FLESHED VARIETIES

**Golden Ball**—Recommended for home and market gardens. A good keeper. Round roots about 4 inches in diameter, deep yellow color with light yellow flesh.

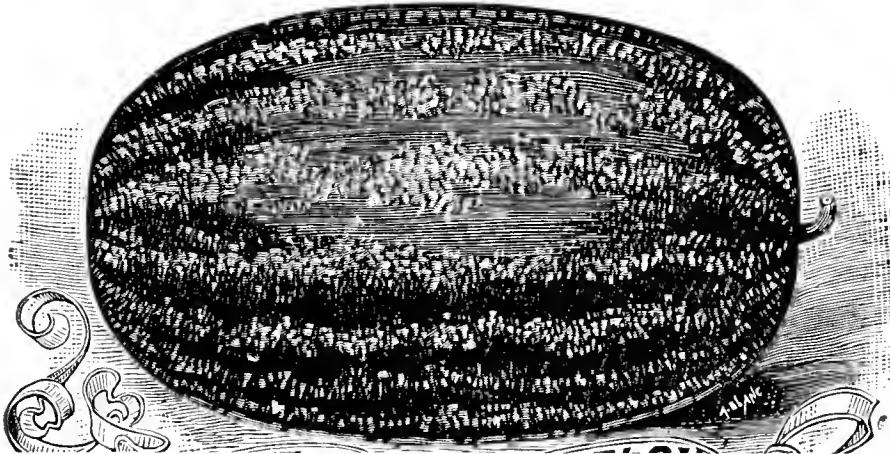
Pkt. 5c Oz. 10c  $\frac{1}{4}$  lb. 20c 1 lb. 65c

**Large Yellow Globe**—A very popular table variety but usually grown for stock. Flesh firm and of good quality. Very tender and sweet if pulled before full grown.

Pkt. 5c Oz. 10c  $\frac{1}{4}$  lb. 20c 1 lb. 65c

## Watermelon

A warm light sandy loam preferred. Being tender should not be planted before middle of May. Plant in hills 8 feet apart each way. Cover seeds about one-half inch deep and when well started thin out to 3 plants in a hill. One ounce will plant about 15 hills; 4 pounds to the acre.



Ice Cream

**Cole's Early**—A popular extra early variety; fruit 12 inches long and 11 inches in diameter. Very good quality. Thin brittle rind, green striped skin. Bright red flesh with black seeds.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 30c 1 lb. \$1.00

**Ice Cream**—One of the most popular early home garden sorts. Thin rind, medium green skin. Flesh rich scarlet, very sweet, seeds white.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 30c 1 lb. \$1.00

**Kleckley's Sweets**—A large, medium oblong shaped melon with thin rind. Dark bluish-green skin and delicious sweet, bright scarlet flesh, seeds white.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 30c 1 lb. \$1.00

**Mountain Sweet**—An old standard medium early variety; slightly oblong, grows fairly large. Sweet, solid, scarlet flesh, dark seeds.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 30c 1 lb. \$1.00

**Phinney's Early**—A very early medium sized, oblong sort. Skin mottled with various shades of green. Thin rind. Tender, pink flesh.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 30c 1 lb. \$1.00

**Citron**—(Red Seeded.) Round melon 8 to 12 inches in diameter. Skin medium green striped with darker green. White flesh, very firm. Used only for preserves.

Pkt. 5c Oz. 15c  $\frac{1}{4}$  lb. 30c 1 lb. \$1.00

## Ruta-Baga or Swedish Turnip

Seed should be sown in drills 18 to 24 inches apart and plants thinned out to 6 inches apart in rows.



White Rock

**Improved Long Island or American Purple Top**—A popular home and market garden variety. Large globular roots, purple above ground, yellow below, short neck, a good keeper.

Pkt. 5c Oz. 10c  $\frac{1}{4}$  lb. 25c 1 lb. 75c

**White Rock or Sweet German**—Very productive. Large white globular roots with bronze green top. Medium neck.

Pkt. 5c Oz. 10c  $\frac{1}{4}$  lb. 25c 1 lb. 75c

## Herbs

**Sage**—A hardy grey-green perennial, with pleasant aromatic odor. Used for seasoning.

Pkt. 5c  $\frac{1}{2}$  Oz. 25c Oz. 40c

**Summer Savory**—A hardy annual. Used for flavoring.

Pkt. 5c  $\frac{1}{2}$  Oz. 25c Oz. 40c

**Sweet Marjoram**—A tender perennial, mostly grown as an annual. Used for flavoring soups, dressings, etc.

Pkt. 5c  $\frac{1}{2}$  Oz. 30c Oz. 50c

**Thyme, Broad Leafed**—A dwarf perennial. Aromatic leaves and shoots used for seasoning and in medicinal preparations.

Pkt. 5c  $\frac{1}{2}$  Oz. 30c Oz. 50c



## The Value of a Fine Lawn

A fine lawn is a profitable investment. It represents a real addition to the value of your property and unquestionably repays you richly in the enjoyment you derive from its beauty and its actual, though unappraisable, financial worth.

## Choice of Seed

Avoid cheap lawn mixtures as they are apt to contain noxious weeds, hulls, chaff and excessive inert matter.

A good lawn grass mixture should be composed of nothing but true turf grasses in the right proportions, carefully recleaned. The cost of the seed is the smallest item in the making of a good lawn; it pays to plant good seed.

Our lawn mixtures are all composed of heavy, recleaned, high germination seeds, can be furnished with or without White Clover and weigh about 35 lbs. to the bushel.

**O. & W. Superfine Lawn Grass Mixture—**  
All that the name implies—composed entirely of the fine, slow growing grasses which produce a soft, velvety, permanent lawn, firm turf and desirable color.

1-lb. pkg. 50c 5-lb. bag \$2.10 10-lb. bag \$4.00  
25-lb. bag \$9.50

**O. & W. Special Lawn Grass Mixture—**A superior mixture of the best and cleanest grades of seed. The varieties which it contains are best adapted to general lawn purposes.

1-lb pkg. 40c 5-lb. bag \$1.80 10-lb bag \$3.30  
25-lb. bag \$8.00

**O. & W. Quicklawn Grass Mixture—**A quick growing mixture containing some grasses which produce immediate growth forming a nurse crop for the finer grasses which are slower growing.

1-lb. cellophane package 35c  
2-lb cellophane package 65c  
5-lb bag \$1.40 10-lb. bag \$2.60  
25-lb bag \$5.75

In spots shaded by trees or buildings, give special attention to fertilizing and watering. Sow a special shady place grass mixture. Remember that trees draw heavily on the food and water in the soil, so extra quantities of both must be provided to keep the grass supplied.

**O. & W. Shady Dell Lawn Grass Mixture—**The best selection of fine grasses which thrive under shade of trees or between buildings where there is little sun.

1-lb pkg. 50c 5-lb. bag \$2.10 10-lb. bag \$4.00  
25-lb bag. \$9.50

## O. & W. HIGH GRADE FERTILIZERS AND FERTILIZING MATERIALS FOR LAWNS, GARDENS, FLOWERS, SHRUBBERY, ETC.

Notice: Prices are subject to market changes



Is a scientific blending of plant foods necessary to promote luxuriant growth of lawns, flowers, shrubs, vegetables, fruit and shade trees. LUXURA carries, in the right proportions, and from proper sources, Nitrogen, Phosphoric Acid and Potash, derived from both organic and inorganic materials, which promote a vigorous root system, sturdy stalk, abundant foliage and flowers. One application lasts all season.

100-lb. bag \$6.00

Special price on larger quantities.



**The Luxura Hand Plant Food Distributor**—For gardeners, florists, nurserymen, truckers, farmers, etc. It is a new, inexpensive time and labor saving device, also convenient for sowing lawn seed on small areas.

Price \$1.00

**O. & W. Garden Fertilizer 4-8-4**—Very popular with home and market gardeners.

100-lb. bag \$2.50

Special price on larger quantities.

**O. & W. Lawn Fertilizer 4-8-4**—A complete mixture for old and new lawns.

100-lb. bag \$2.75

Special price on larger quantities.



100-lb. bag \$2.75

Special price on larger quantities.

**Sheep Manure**—Sheep's Head Brand. Used for lawns and gardens. Does not analyze as high in plant food as our special mixtures.

**Steamed Bone Meal**—Made from pure animal bone thoroughly steamed and pulverized. Finest quality.

100-lb bag \$2.75

Special price on larger quantities.

**Superphosphate**—Guaranteed 16% available phosphoric acid. Recommended for land that is deficient in phosphoric acid.

100-lb. bag \$1.50

Special price on larger quantities.

**Hydrated Lime**—Used for sweetening the soil. Very beneficial to all clovers.

100-lb. bag \$1.00

Special price on larger quantities.

**Nitrate of Soda**—Guaranteed 16% Nitrogen. Used as a stimulant for all plants. Must be used with great care.

100-lb. bag \$3.00

Special price on larger quantities.

**Sterilized Ground Tobacco Stems**—Very beneficial for lawns.

100-lb. bag \$2.50

Special price on larger quantities.

**Driconure**—Consists of 35 parts of peat moss and 65 parts cow feces.

100 lbs. \$5.00

Special price on larger quantities.

**Sorbex**—(The new peat moss.) Top quality selected sphagnum moss peat, much finer than ordinary peat moss.

10 bu. bag \$3.00

Special price on larger quantities.



**Premier Peat Moss** is vacuum cleaned. It keeps soil friable, allows plants to breathe, stores plant food, absorbs and holds moisture.

1 bu. carton 60c

2 bu. bag \$1.00

Large bale (about 20 bu.) \$3.00

Special price for larger quantities.

**Salt**—(Agricultural.) Used for asparagus beds, walks and driveways to kill weeds.

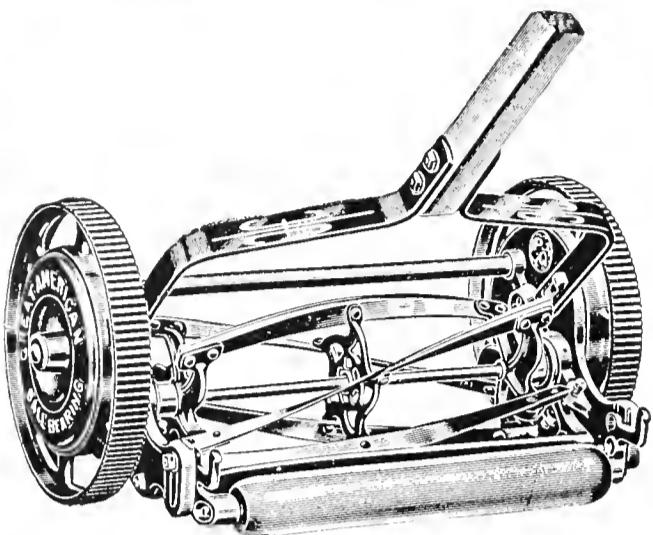
100-lb. bag \$1.25

Special price on larger quantities.

SEE FRONT PAGES FOR COMPLETE LIST OF FERTILIZERS AND RAW MATERIALS.

# PENNSYLVANIA

QUALITY  
LAWN MOWERS



**Great American Ball Bearing**—This is the best all around mower of its type made. One of the greatest sellers of all time.

Prices: 15-inch—\$15.00 17-inch—\$17.00  
19-inch—\$19.00 21-inch—\$21.00

**Pennsylvania Junior Ball Bearing** is everywhere recognized as the leading mower of the industry. It will cut cleanly all varieties of grasses.

Prices: 15-inch—\$20.00 17-inch—\$22.00  
19-inch—\$25.00 21-inch—\$28.00

**Pennsylvania Standard**—Highly esteemed where hard work is required. The favorite with railroads, parks, cemeteries, etc., and stands unrivaled for all classes of work.

Prices: 15-inch—\$20.00 17-inch—\$22.00  
19-inch—\$25.00 21-inch—\$28.00

**Olds & Whipple Special**—A popular household mower at a fair price, which will give service and satisfaction.

Price: 14-inch—\$7.00

**Pennsylvania Lawn Trimmer and Edger**—With this combination machine, equipped with a steel disc and a small plow, you can trim the overhanging grass along the edges of paths and flower beds.

Price: \$9.00

## The “Easy-Emptying” Grass Catcher



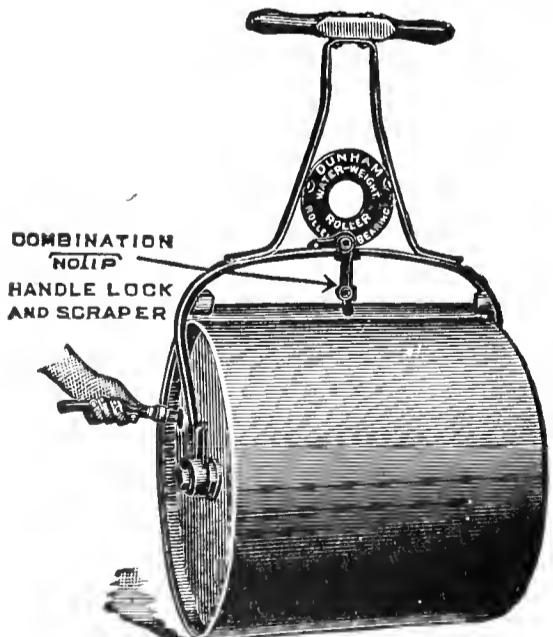
Lift It Off To Empty

Fits Any Lawn Mower Perfectly

Galvanized Steel bottoms, heavy Duck sides. Has New Improved Handle, Front Flange, Eye Bracket and Hook. Hook is permanently attached to catcher and hooks over handle of mower. Catcher is attached and detached instantly with one hand. Hook drops down parallel with handle. Guaranteed to give satisfaction.

Price: 75c each

## Water Weight Lawn Rollers



	Diameter	Width of Drum
Plain bearing	14 in.	24 in.
Plain bearing	18 "	24 "
Roller bearing	24 "	24 "
Roller bearing	24 "	32 "

At least one rolling a year is necessary to preserve a healthy turf. This should be done early in the spring, as soon as the ground is dry, to re-firm the soil about the roots after it has been loosened and heaved up by the freezing and thawing of winter. The roller should weigh 150 to 300 pounds, depending upon the texture of the soil.

The water weight lawn roller has almost entirely superseded the old-fashioned cast iron roller. By regulating the amount of water, it can be made to weigh as desired.

	Weight Empty	Weight Full	Net Price
	68 lbs	175 lbs.	\$ 9.00
	82 "	265 "	11.00
	110 "	420 "	15.00
	130 "	565 "	17.50



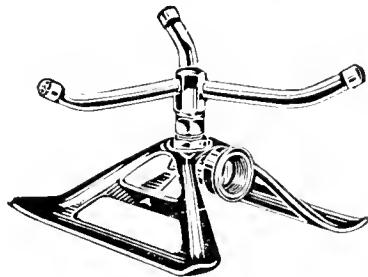
Specially designed to give you everything you want in a garden glove.

**All-Leather      DIRT-PROOF      Durable**  
**SOFT AS KID      Easy to Wear      WASHABLE**

Being **all-leather**, Eezy Wear gloves give **complete protection** against dirt, scratches, bruises, stains, infection. Yet their amazing **softness** and **pliability**, the result of a special processing, make them extra comfortable. Cling to the hands and practically give you **BAREHAND FREEDOM**.

Economical, too—outwear 6 pairs of ordinary fabric gloves, are washable and can be used the year round for **GARAGE, HOUSEWORK, PAINTING, YARD, FURNACE, ETC.** Sizes for **WOMEN** (small, medium, large) and **MEN** (small, medium, large). A real value at 75 cents a pair, postpaid. (2 prs. \$1.40.)

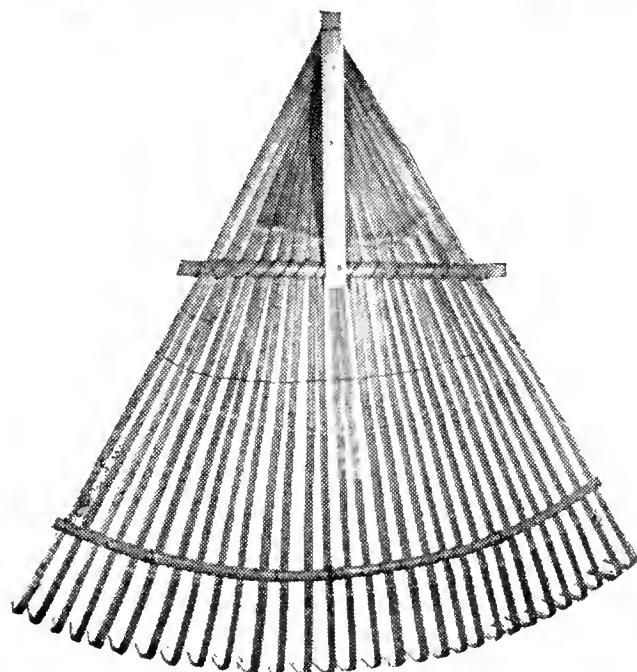
### “Dollar” Lawn Sprinkler



Stands  $4\frac{3}{8}$  in. high. Base  $6\frac{1}{2}$  in. by  $7\frac{5}{8}$  in. Arms are  $4\frac{1}{2}$  in. long. In operation it gives a widely distributed uniform spray.

Price \$1.00

### Bamboo Lawn Rakes

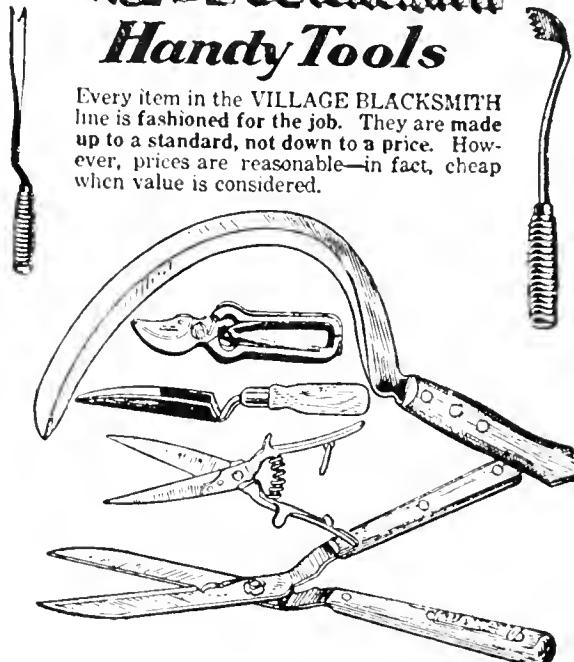


Made of carefully selected bamboo, with **heavy, uniform teeth, copper wired top and bottom, also reinforced bamboo cross piece.** They have brass clamps and bolts and polished **hard wood handles.** Our bamboo lawn rakes are by far the best on the market and are vastly superior to the cheaper bamboo handle rakes.

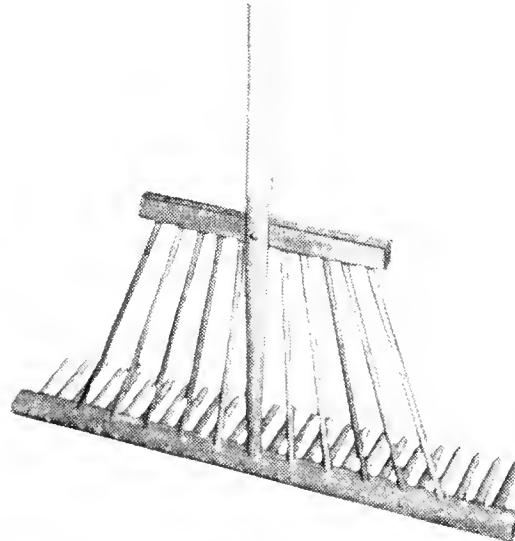
24 in. spread      39 teeth      Price \$.75  
30 "      34 "      "      1.00

### *It's a Pleasure to Keep Your Lawn Trim With VILLAGE BLACKSMITH Handy Tools*

Every item in the **VILLAGE BLACKSMITH** line is fashioned for the job. They are made up to a standard, not down to a price. However, prices are reasonable—in fact, cheap when value is considered.



### Lawn Rakes



Stedman's Improved (as shown)	1.00
Wood 3 bow	.90
18 in. Lawncomb	1.00
24 in. Lawncomb	1.35

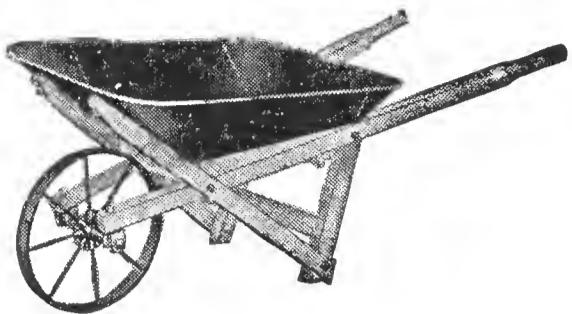
### Galvanized Water Sprinklers



Made of sheet steel and galvanized after being made. Will not leak or rust, furnished with removable zinc rose.

4 qt. 60c	6 qt. 65c	8 qt. 75c
10 qt. 85c	12 qt. 95c	16 qt. \$1.20

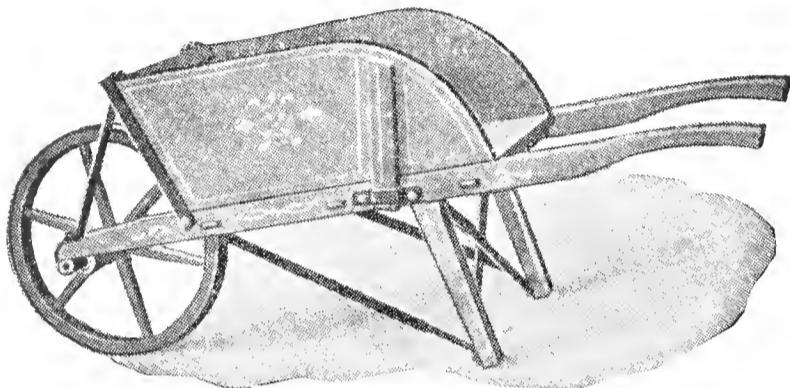
## Wood Frame Steel Tray General Purpose Barrow



For the contractor, farm, garden and home use. A well constructed barrow.

Price \$5.25

## Buch's Garden Barrows



No. 1 is a strong, roomy wheelbarrow for farmer's use. Size of body, 30 inches long, 24 inches wide in front, 25 inches in back. Sideboards, 12 inches high.

Price \$8.00

No. 2. A durable, neat, medium-sized garden barrow. Size of body, 28 inches long, 20 inches wide in front, 24 inches wide at back. Sideboards, 12 inches high.

Price \$7.00

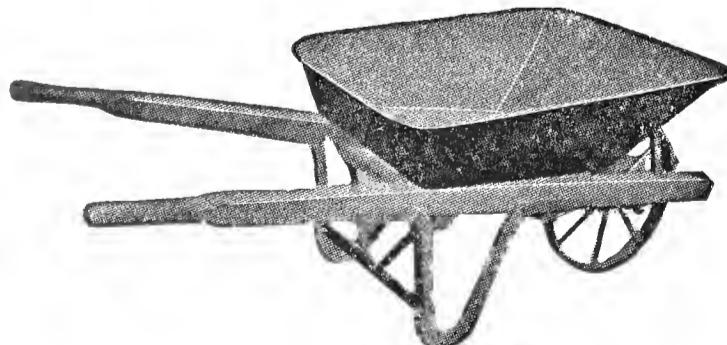
No. 3. Standard size garden barrow. Size of body, 26 inches long, 19 inches wide in front, 22 inches wide in back. Sideboards, 12 inches high.

Price \$6.50

All barrows are furnished with 1 3/4 in. tread wheel. For 3-in. tread wheel add 50c.

Above barrows can be furnished with rubber tires.

## Mortar Barrow



Angle steel legs and braces. An excellent barrow for mortar and wet concrete. Tray, 26 x 34 inches. Made of No. 16 steel, reinforced at corners, and strengthened at top by being rolled over a 1/8-inch steel rod. Capacity 3 1/2 cu. ft.

Price \$7.00

## Electric Hedge Trimmer



Every man with a hedge to cut will bless this amazing new electric tool. Just try it once and you'll never willingly use a hand shear again. Let us show you how it works.

Price \$29.50



## Mature Your Crops EARLIER for Better Profits

These Plant Protectors Mean Larger, Earlier, Premium Crops

### HOTKAPS ARE INEXPENSIVE

Germaco HOTKAPS come in rolls of 1,000 each, and in smaller special trial or garden packages. For field use, use the steel HOTKAP setter.

Prices on Germaco HOTKAPS:

1,000 or more	\$9.75	per M
5,000 or more	\$9.65	per M
10,000 or more	\$9.55	per M
25,000 or more	\$9.45	per M

Steel HOTKAPS setter and tamper \$1.50

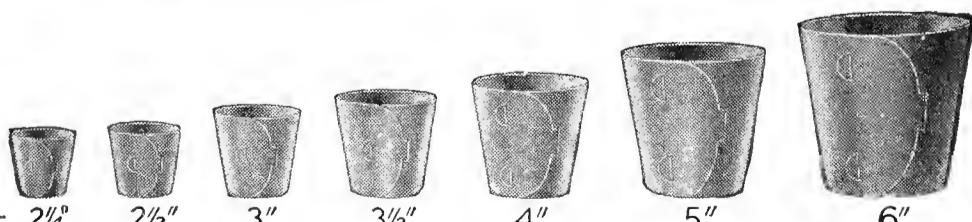
Garden setter (light metal) each 50c

Steel Tamper, each 25c

Special 100 package (contains 100 HOTKAPS, garden setter and tamper) \$2.40

Special 250 package (contains 250 HOTKAPS, garden setter and tamper) \$3.65

## Bird's IMPROVED NEPONSET Flower Pots



Every grower of plants, large or small, commercial or domestic, can cut his growing costs by using Bird Neponset Flower Pots.

Sizes from 2 1/4-in. to 6-in. inclusive.

Prices on application.

## List of Grass, Clover and Millet Seed

Market fluctuations prohibit publishing prices.

Ask for Quotations

### LEGUME CROPS

**Alfalfa-Grimm (Idaho Blue Tag) State Certified.** The highest grade of the hardiest strains. Alfalfa requires well limed soil and good drainage. It furnishes more green forage, more pasture and more dry hay per acre than any other known variety of hay or grass. Sow 20 lbs. per acre. For best results, inoculate every seeding. Weight 60 lbs. per bushel.

**Clover-Alsike.** Is somewhat smaller in growth than red clover and the blossoms are pinkish white instead of red. Will thrive on poorer soil. Does not require lime and will produce well in damp spots. Sow 8 lbs. per acre. For best results, inoculate every seeding. Weight 60 lbs. per bushel.

**Clover—Mammoth Red.** This is a distinct type, similar to Medium Red in seed and blossom, but making a larger, coarser growth and a more extensive root system. It matures a little later and is at the best stage for cutting at the same time as Timothy. Sow 10 lbs. per acre. For best results inoculate every seeding. Weight 60 lbs. per bushel.

**Clover—Medium Red.** Is the most largely grown and most generally useful legume crop in America. In feeding value, the hay ranks next to Alfalfa. As a soil builder, it is the equal of any and superior to most. If sown with Timothy, the Clover usually predominates the first season and the Timothy the second season. After the second season the Clover largely disappears. Sow 10 lbs. per acre. For best results inoculate every seeding. Weight 60 lbs. per bushel.

**Clover—Sweet White Blossom.** It will grow in almost any climate and on almost any type of soil, thriving on land too poor for Alfalfa or Red Clover. It is a biennial. As hay or green forage, it ranks with Alfalfa in feeding value. Weight 60 lbs. per bushel. Sow 20 lbs. per acre.

**Clover—White Dutch.** Since it is low growing, it is not adapted for hay. It is used chiefly for pastures and lawns. Although perfectly hardy and not especially sensitive to conditions of soil moisture and drainage, White Clover must have lime. Weight 60 lbs. per bushel.

**Cow Peas.** They are coarse, bushy and spreading in growth. Since they require a long growing season and considerable warmth, they are not adapted for growing in this climate. Weight 60 lbs. per bushel. Sow in drills, 1 bu. per acre.

**Field Peas—Canada.** Unlike Cow Peas, they do not need a long growing season but thrive best in a cool, moist climate. They are grown for hay, green forage and soil improvement, usually being seeded with Oats. Weight 60 lbs. per bushel. Sow 2 bu. per acre.

### GRASS SEEDS

**Timothy.** Has been for years the standard and most widely grown hay grass. Is a short-lived perennial; a stand does not last more than four or five years, yielding its best crop the year after it is sown. Weight 45 lbs. per bushel. Sow 12 lbs. per acre.

**Kentucky Blue Grass.** Requires two or three years to become well set. Once established it is checked by, but lives through, considerable drought. It is the most nutritious of American pasture grasses. Also largely used for lawns. Weight 14 lbs. per bushel. Sow 1½ to 2 bu. per acre.

**Canada Blue Grass.** Is less productive and slightly less palatable than Kentucky Blue Grass. On the other hand, it is hardier and will grow on poorer soil. Weight 14 lbs. per bushel. Sow 1 to 1½ bu. per acre.

**Red Top.** No other grass will grow under as great a variety of conditions as Red Top. It will thrive on almost every type of soil except sand. It grows rapidly and vigorously, forming a compact sod that persists under heavy grazing. It is also used for lawns. Weight (re-cleaned) 35 lbs. per bushel. Sow 15 lbs. per acre.

**Orchard Grass.** Is a long-lived perennial. It gets its name from its ability to grow in the partial shade of orchards and open wood lots. As a consequence, its principal use is for pasture and hay under shady conditions. Weight 14 lbs. to bushel. Sow 1½ to 2 bu. per acre.

**Rye Grass—Domestic. (Perennial).** Noted for its rapid growth. Is not especially productive but serves a very useful purpose in permanent mixtures because it sprouts and grows quickly, forming a cover while the slower growing grasses are getting established. Weight 24 lbs. to bushel. Sow 1 to 1½ bu. per acre.

**Rye Grass—Italian.** Slightly coarser than Domestic, annual variety, little used in the North.

**Chewings Fescue.** Of all the finer grasses, none will stand more hard wear and trampling. It grows on poor, dry, sandy soil; resists drought and does well in shaded places. Particularly fine for lawns. Sow 30 lbs. per acre.

**Poa Trivialis. (Rough Stalked Meadow Grass).** A fibrous rooted perennial, noted for its productiveness and quick growth, doing best on rich, moist soils and in shaded places.

**Sudan Grass.** A quick-growing annual summer hay grass. It should largely supplant millet, which yields only a single cutting, whereas Sudan grass will give at least two.

## Grass Seeds—Con.

**Astoria Bent.** A comparatively new and distinct kind of grass; seldom produces stolons but spreads from underground root stalks; produces splendid turf. Excellent for lawns and golf greens.

**Seaside Bent.** A stoloniferous grass. Used principally for golf purposes. Very good color. A most popular strain of Bent.

## MILLETS

These are quick-growing annual grasses, adapted to a wide range of soils and climates, but requiring a good supply of moisture at the start and warm weather throughout their short growing seasons.

**German Millet.** Also called Golden Millet. Stems heavier, leaves broader and coarser than common Millet. Requires a slightly longer and warmer growing season and a mellower soil. Ready to cut in about 65 days. Weight 48 lbs. per bushel. Sow 25 to 40 lbs. per acre.

**Hungarian Millet.** Sometimes incorrectly called "Hungarian Grass." An early variety. The hay is of excellent quality and the yield, under good conditions, averages 2 to 2½ tons per acre, ranking second in this respect to German Millet. Weight 48 lbs. per bushel. Sow 25 to 40 lbs. per acre.

**Japanese Millet.** It is rather coarse and succulent, which makes it difficult to cure for hay and it is not recommended for that purpose. It makes the best silage and green forage of any of the Millets. For green feed, cut just before the heads appear. For ensilage, cut in late bloom or when the seed is beginning to form. Weight 32 lbs. to bushel. Sow 15 to 20 lbs. per acre.

## GRAINS

**Barley. Oderbrucker.** Six-rowed, heavy yielding, used mostly for cover crop. Weight 48 lbs. to bu. Sow 2 bu. to acre.

**Buckwheat—Japanese.** Yields heaviest on fertile well-drained, sandy loam, but will give fair results on soils too poor for most other crops, matures in about 70 days, ripens best in early Fall. Weight 48 lbs. per bu. Sow one bu. per acre.

**Oats—Swedish Select.** Large, plump, white kernels, with thin hulls, grows well on light soils and stands considerable drought, earliest of the heavy yielding sorts. Weight 32 lbs. per bu. Sow 2 bu. per acre.

**Rye—Rosen Winter.** Produces a strong, vigorous straw. The grain is large and heavy and commands a premium over common rye, but the excess yield will more than pay the extra cost. Weight 56 lbs. per bu. Sow 2 bu. per acre.

**NOD-O-GEN**  
A PURE  
CULTURE OF NODULE BACTERIA

Make sure of nitrogen gathering nodules for your legume crops by inoculating with NOD-O-GEN. Assures heavy early growth. Better plant growth above and below ground. Higher protein content of crops. NOD-O-GEN improves quality, quantity and yield. Use NOD-O-GEN.

*for Seed Inoculation*

NOD-O-GEN is available for inoculation of all legumes divided into many separate groups. Write us what legumes you are planning to grow. Full information FREE.

## FOR ALL LEGUME CROPS

For small seeds, such as Alfalfa, Sweet Clover, Red Clover, Mammoth Clover, Alsike, etc.

## PRICES

½ bu. size 35c 1 bu. size 60c 2½ bu. size \$1.00

For large seeds, such as Soybeans, Cowpeas, Vetch, Field Peas, Field Beans, etc.

## PRICES

1 bu. size 35c 2 bu. size 60c 5 bu. size \$1.00



**At Last! an Ideal Food for Dogs.** Purina Dog Chow belongs to the Checkerboard family of quality feeds. That is your guarantee of dependability. When you feed Purina Dog Chow you start in at a point it has taken Purina over thirty years to reach. All of their experience, all of their science, all of their skill is behind every little cube of Dog Chow. Prices on application.



A fine crop of potatoes grown on farm of Anthony Grubb, Bridgehampton, Long Island. Mr. Grubb is a large user of our Wilcox potato fertilizers.

# INSECTICIDES FUNGICIDES



**ACME ALL AROUND SPRAY.** Combines Bordeaux Mixture, the best known remedy for blight and fungus diseases, with arsenate of lead to control chewing insects and Black Leaf "40" to kill sucking insects.

Prices:  $\frac{1}{4}$  lb. 35c. 1 lb. 75c.



**ACME ANT-KILL.** Kills ants in the nest. Cottage set contains five service cups, five nails and a bottle of syrup.

Price 60c.

**Ant Cups**—A bottle cap filled with insecticide for killing ants and roaches. 6 in a package.

25c package.



**ANT TRAPS.** The bait is contained within a metal air-sealed trap.

Price 25c each, 5 for \$1.00.



**APHIS SPRAY.** An improved nicotine spray for the control of aphis, thrip, leaf-hopper, and many more hardy insects infecting rose bushes, flowers, vegetables, etc. It is a combination of one-third Black Leaf "40" and two-thirds soft fish oil soap.

Price: 3 oz. tube 35c.

**ARSENATE OF LEAD (Powder).** For spraying trees, shrubs and non-edible parts of vegetables against attack of leaf-eating insects.

Price: 1 lb. 25c.

Prices on larger quantities on application.

**ARSENATE MAGNESIUM.** Used for the control of the Mexican bean beetle.

Two-pound package makes 100 gallons of spray.

Price: 65c. each.

**ATLACIDE (Calcium Chlorate).** A non-poisonous weed killer. Can be dissolved in water and applied as a spray or can be dusted on the weed from the sifter can.

1 lb. can 50c. 3 $\frac{1}{2}$  lb. can \$1.50

15 lb. drum \$3.50 50-lb. drum \$7.00

100 lb. Drum \$13.50

**BLACK ARROW INSECT DUST.** Non-poisonous and will not burn. Kills garden and greenhouse pests and is also very effective in poultry houses, dog kennels and dairy barns.

1 lb. can 45c. 5 lb. can \$1.85

**BLACK LEAF "40"—Nicotine Sulphate.** This insecticide is highly recommended by experimental stations as a spray for all soft bodied sucking insects and does not injure the foliage. It may be combined with other sprays.

1 oz. bottle 35c 1 lb. \$2.25 2 lb. \$3.25  
5 oz. bottle \$1.00 5 lb. \$5.85 10 lb. \$10.60

**BORDEAUX MIXTURE (Powder).** For the control of Potato Blight, Celery Blight, Strawberry Leaf Spot, and Black Rot on Grapes.

1 lb. 25c. 4 lb. bag 65c

**BUG DEATH.** A non-poisonous powder used as a dust. Kills potato, squash and cucumber bugs, also currant and tomato worms.

1 lb. 20c. 3 lbs. 40c. 5 lbs. 60c. 12 $\frac{1}{2}$  lb. \$1.40  
100 lbs. \$8.00

**CALCIUM ARSENATE.** Used to control potato bugs, tomato and cabbage worms—also many other chewing insects.

1 lb. 20c.

Prices on larger quantities on application.

## Insecticides and Fungicides—Con.



**CARBOLA.** The modern disinfecting white paint. For poultry houses, stock barns, cellars, etc.

5 lb. package makes 2½ gallons—60c.  
10 lbs. 98c 25 lbs. \$1.90 50 lbs. \$3.50

**COPPER SULPHATE (Crystals).** Used as a spray for rots, molds, mildews and all fungus diseases—principally on potatoes.

Prices on application.

**COPPER SULPHATE MONOHYDRATED.** Mixed with lime, it is used as a dust for blight control, mostly on potatoes.

Prices on application.



**CROW REPELLENT**—Insures seed corn against attack by crows, pheasants, blackbirds and other corn annoying birds.

½ pt. can 60c, enough for one bushel of corn  
1 pint \$1.00 1 quart \$1.75



**CYANOGAS "A" DUST** is a powder which, when exposed to air, gives off a poisonous gas which is the killing agent. For ants, rats, moles, woodchucks and other burrowing rodents.

½ lb. can 45c. 1 lb. can 75c. 5 lb. can \$3.00

**CYANOGAS "G" FUMIGANT.** Standard greenhouse fumigant.

5 lb. can \$3.00

**DUTOX.** Used principally for the control of the tobacco flea beetle and striped cucumber beetle.

1 lb. can 35c. 6 lb. bag \$1.50



**DAWG-GONE** is a combination of rare chemicals releasing an odor very distasteful to dogs. Just hang tube on lower branch of tree at point of approach. Tubes at corners will protect clump of several trees.

Price: 25c



**FISH OIL SOAP** is recommended as a tree and plant wash to keep them bright, clean, and free from many insects and lice.

1 lb can 30c.



**GARDEN GUARD.** A good garden dust—perfectly harmless to humans, birds and pets, yet highly effective against insects, both sucking and chewing types. Rotenone, the active ingredient, is highly advocated by certain officials at Washington.

1 lb. can 35c. 4 lb. bag 75c.  
25 lbs. \$4.25

**KAYSO.** The casein spreader that is effective in any mixture, wet or dry, under any conditions. Lime sulphur, bordeaux, lead arsenate, nicotine and whitewash, all cover better and stay longer when mixed with KAYSO. Use one pound to 100 gallons dilute spray.

1 lb. package 30c. 2 lbs. 50c. 10 lbs. \$2.00  
50 lbs. \$9.00 100 lbs. \$17.00

**LIME AND SULPHUR SOLUTION** is the fungicide most commonly recommended for apple and many other fruit diseases. For early spring spraying use. One gallon to forty gallons of water. For summer spraying, use one gallon to fifty or sixty gallons of water.

1 qt. can 35c. ½ gal. can 50c. 1 gal. can 75c.  
5 gal. can \$2.50

Ask for prices on larger quantities.

**LIME AND SULPHUR DRY.** This fungicide contains the same ingredients as the liquid lime sulphur, but is more convenient to handle. Use 3 to 3½ pounds to fifty gallons of water.

1 lb. can 30c 5 lb. can \$1.35  
12½ lb. bag \$1.75 25 lbs. \$3.25  
50 lbs. \$6.00 100 lbs. \$10.00

**NICOTINE DUST.** P. A. Nicotine dust contains 4% actual nicotine. The most effective remedy for aphids and all sucking insects on potatoes, peas and other plants.

10 lb. can \$1.85 25 lb. drum \$4.00  
50 lb. drum \$7.00 100 lb. drum \$11.50

## Insecticides and Fungicides—Con.



**POMO GREEN.** Leaf green sulphur dust for the control of black spot, and chewing insects on plants. Fine for roses. Can be used as a dust or spray.

1 lb. can 50c 5 lb. package \$1.75  
25 lb. pkg. \$8.00 100 lb. drum \$20.00

**POMO GREEN WITH NICOTINE.** Use where aphids are present.

1 lb. can 75c. 5 lb. package \$3.00

**PYRETHROL (Pyrethrum Soap).** A concentrated insecticide for the control of the Japanese beetle. Also useful against many other garden, orchard, farm and household pests. Non-poisonous. 1 lb. makes 5 to 15 gallons of spray.

½ lb. can 50c. 2 lb. can \$1.50 10 lbs. \$6.00

**Pyrox** Is intended to control external chewing insects and many plant diseases for which bordeaux mixture is applicable. May be used on potatoes, tomatoes, cucumbers, cantalopes, squashes and most vegetables, grapes, strawberries, currants and many other fruits

25 lb. can \$5.00 50 lb. drum \$7.25  
100 lb. drum \$12.50

**PYROX WITH NICOTINE**—A complete spray for the control of plant lice, along with leaf-eating insects, and blight.

10 oz. jar 35c 17.6 oz. jar 49c 40 oz. can \$1.00  
5 lb. can \$1.75 10 lb. can \$3.00 25 lb. can \$5.65  
50 lb. drum \$8.55 100 lb. drum \$15.00



Spray your garden with Red Arrow and you destroy both chewing and sucking insects at the same

time. Absolutely non-poisonous to human beings, domestic pets and birds, but deadly to insects. One ounce makes four to eight gallons of spray.

Price: 1 oz. bottle 35c. ¼ pt. can \$1.00  
½ pt. can \$1.50 Pint can \$2.50 Qt. can \$4.00

**SANOSEED.** Instantaneous potato dip. For the control of Blackleg, Rhizoctonia, Scab and certain other seed-borne potato diseases.

¼ lb. can 50c; enough for 7½ gallons of water. 1 lb. can \$1.75

**SCALECIDE**—the quality miscible oil. Oldest and best known dormant or delayed dormant spray for fruit trees and ornamentals. Makes them more beautiful, healthful and fruitful. Use 1 to 15 for all deciduous trees, 1 to 20 for evergreens. Kills scale, aphids, red mite and other insect eggs and larvae wintering on trees and ornamentals.

Prices: 1 qt. 65c 1 gal. \$1.50 5 gal. \$5.50  
10 gal. \$9.50 15 gal. \$13.25 30 gal. \$21.00  
50 gal. \$29.00

**SEMESAN.** General disinfectant for vegetable and flower seeds or bulbs and certain plant diseases.

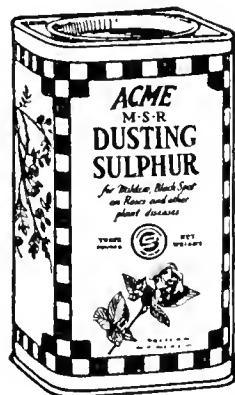
2 oz. can 50c 1 lb. \$2.50 5 lb. \$11.75

**SEMESAN BEL.** Dip disinfectant for seed potatoes. It is valuable for combatting such surface-borne diseases of white seed potatoes as Rhizoctonia and scab, and for protecting the seed against certain soil-borne organisms that cause premature decay of the seed pieces.

4 oz. 50c 1 lb. can \$1.65 5 lb. can \$7.00

**SEMESAN, JR.** Dust disinfectant for seed corn, generally preserves the seed against rotting in cold, wet weather and checks certain forms of seedling blight, root and stalk rots. It also increases germination.

4 oz. can 35c 1 lb. can \$1.00 5 lbs. \$4.75



**SULPHUR DUST** is a preventative rather than a cure for Black Spot on roses, mildew on roses, chrysanthemums, Phlox, Delphiniums, Sweet Peas and Lilacs. Leaf spot on roses, phlox, hollyhocks and peonies.

3 lb. sifter top can, 45c

Ask for prices on larger quantities.

**SULPHUR - COMMERCIAL - POWDERED.** Used principally for checking mildew and various blights.

1 lb. 15c 5 lbs. 50c 10 lbs. 80c  
25 lbs. \$1.25 50 lbs. \$2.00

**TOBACCO DUST.** Powdered for dusting flowers, shrubs, melons, squash, cucumbers, etc.

1 lb. 15c 5 lbs. 40c 10 lbs. 65c  
25 lbs. \$1.25 50 lbs. \$2.00



**TREE TANGLEFOOT** is a sticky material for applying in bands around the trunks of trees and vines to combat the climbing and creeping type of destructive insect pests. It re-

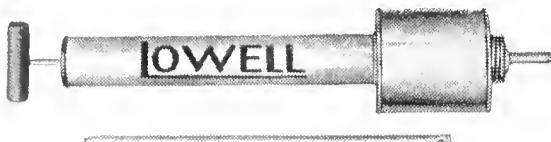
mains effective three to four months, outlasting ten to twenty times any other material.

6 oz. can 25c. 1 lb. can 65c.



**HOTKAPS** protect against frost, wind, rain, hail, birds and insects.

(See page 32)

**LOWELL GUARD DUSTER**

Is most frequently used in and about the home, in destroying roaches, ants, flies, etc. Made of heavy tin. Finished in green lacquer. Powder compartment 1½ in. dia., 3¼ in. long. Pump 1½ in. dia., 7 in. stroke. Price 30c.

**LOWELL GENERAL DUSTER**

Medium size, powder compartment 3 in. dia., 4 in. long. Valve prevents powder from getting into pump cylinder. Pump 1½ in. dia., 8½ in. stroke. Price 60c.

**LOWELL WARRIOR DUSTER**

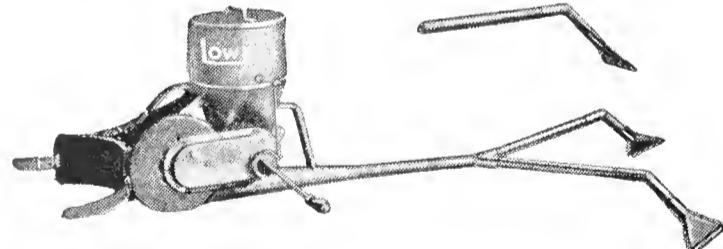
Is designed for use in the garden. Equipment: Two 12 in. extensions, two angle nozzles, one narrow and one wide faced to permit covering large area. Powder compartment 4 in. dia., 4½ in. long, filler cap 2¾ in. dia., pump 1¾ in. dia., 13 in. long. Price 90c.

**LOWELL GLADIATOR DUSTER**

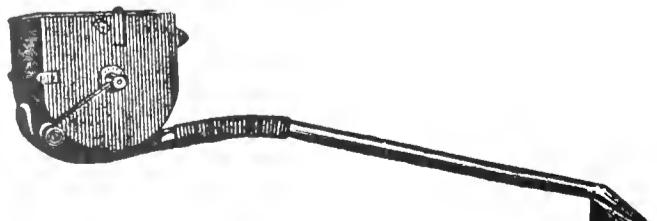
Is principally adapted for field crops such as beans, potatoes, etc., has the capacity to do a large amount of work. Made of tin coated sheet metal. Finished in green lacquer. Powder compartment: 5½ in. dia., 6¾ in. long. Forced air draft agitates powder continually during operation. Pump: 2¾ in. dia., 12 in stroke. Equipment: Two 12 in. extensions, one straight nozzle and one wide faced nozzle. Price \$1.25.

**LOWELL WHIRL DUSTER**

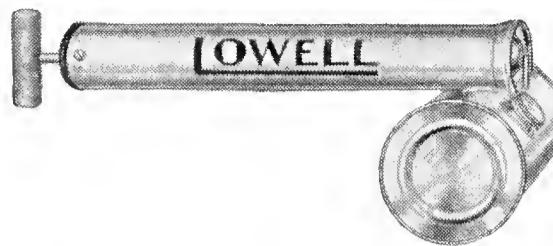
A handy powder blower with 16 oz. heavy glass container, powder always visible to operator. It throws a heavy fog of dust with every stroke of the plunger. Furnished with two 12 in. extensions. Price \$1.25.

**LOWELL CRANK DUSTER**

A strong, well made duster which develops a powerful air blast and has ample capacity for two rows of field crops. Equipment: consists of two nozzles, two elbows, a wye connection and four 15 in. tubes, permitting the use of the machine as a single or double row duster. Price \$13.50. Net Cash Price \$12.83.

**NIAGARA HAND DUSTERS****Crank Type, Continuous Brush Feed**

No. 42 (as shown). Is well made and of good substantial materials and will operate for a long time if given reasonable care. All moving parts run in ball bearings. Price \$15.00. Net Cash Price \$14.25. Extra for two row attachment, \$1.50.

**LOWELL MIDGET SPRAYER**

Meets the demand for a low priced sprayer for household purposes. Tank: 3 in. dia., 3 in. long, ¾ in. can screw for filling. Capacity ¾ pt. Pump: 1¼ in. dia., 10 in. long. Price 25c.

**LOWELL HANDY GARDEN SPRAYER**

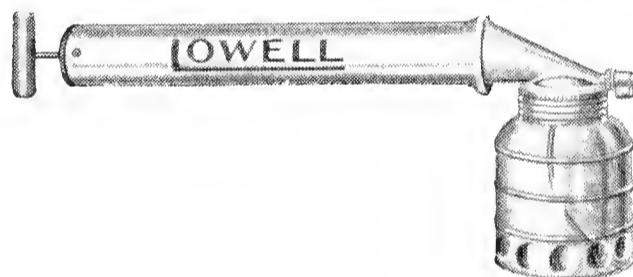
Is a convenient pattern to use in the back yard garden, around shrubbery or in the poultry house. Made of heavy tin. Tank: 4 in. dia., 4 in. long, capacity 1 qt. Pump: 1½ in. dia., 13 in. long. Plunger fitted with a special leather. Price 35c.

**LOWELL MASTER CONTINUOUS SPRAYER**

Provides a large volume spray with ease of operation. Nozzle and all working parts are of brass. Tank: 4 in. dia., 4 in. long. Pump: heavy tin, 1½ in. dia., 14 in. long, with brass ball valve.

Price with tin tank .75

Price with brass tank \$1.10

**LOWELL AMBASSADOR SPRAYER**

Meets the demand for a continuous sprayer with detachable container. Tank: 24 oz. heavy glass jar. Pump: Heavy tin, 1½ in. dia., 13 in long. Price \$1.20.

**LOWELL JUMBO CONTINUOUS**

Handles oil solutions very well and will function perfectly with all insecticides. Galvanized tank: 5½ in. dia., 6¾ in. long, 1¾ in. can screw for ease in filling and cleaning. Capacity 3 qts. Pump: 1½ in. dia., 15 in. long. Price \$1.50.

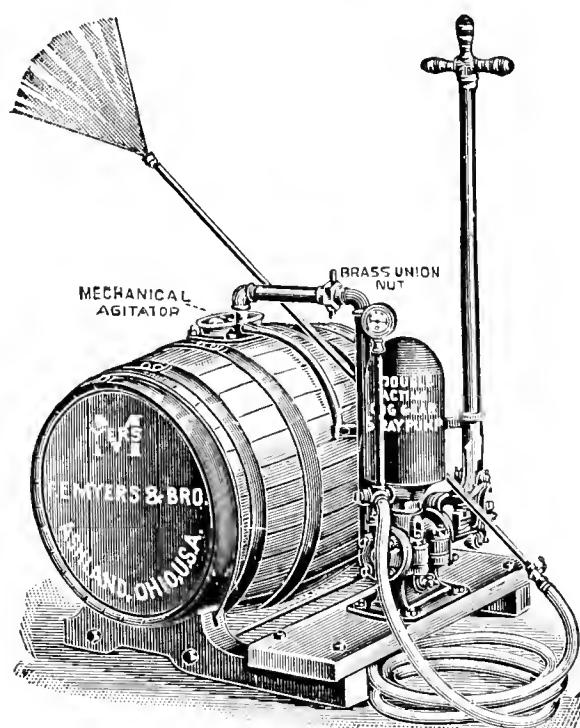
**LOWELL BEACON SPRAYER**

Is designed to give the consumer the best possible compressed air sprayer at a very attractive price. It will handle all solutions and may be used in the dairy, fields, orchards and for whitewashing, disinfecting and exterminating. Capacity about 3¾ gallons. Galvanized Tank, Price \$5.35. Copper Tank, Price \$8.00.

**LOWELL CONTENDER SPRAYER**

A favorably priced high pressure sprayer. Capacity about 3½ gallons. Galvanized Tank, Price \$3.75.

## Myers Cog Gear Spray Pump (Double Acting)

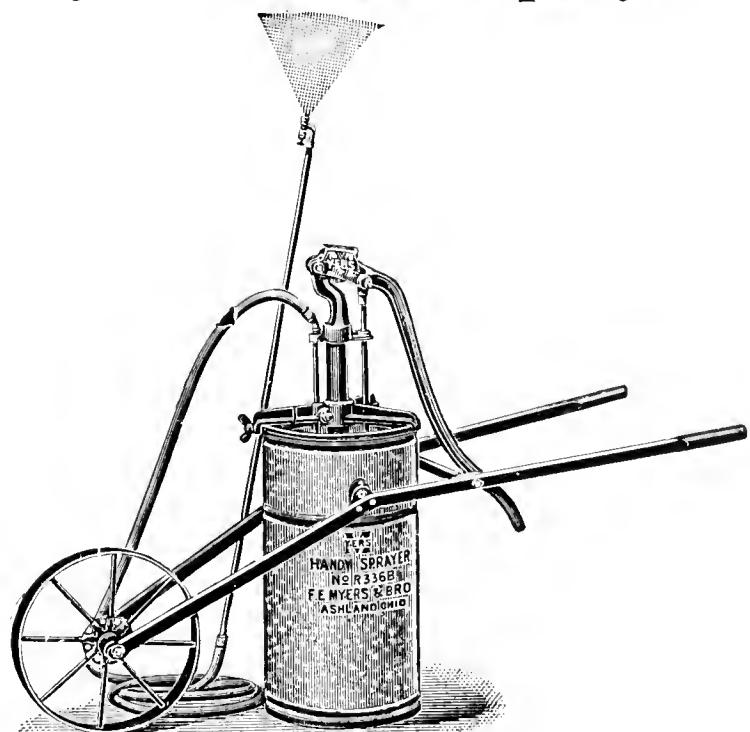


With brass valves and ground bevel brass seats, 2-in. seamless brass removable cylinder, hemp packed plunger and double lever shut-off discharge. **SPECIAL FEATURES:** Cog Gear Movement increases the leverage, adapting it for spraying under heavy pressure. Mounted complete. Occupies smallest possible space. Capacity sufficient for 8 nozzles. An ideal outfit for spraying potatoes. Will set in an ordinary farm wagon box.

No. R316B Pump complete, 50 gallon barrel mounted as shown, with pressure gauge, one 15 ft. lead of  $\frac{3}{8}$ -in. 7-ply discharge hose, one Fembro nozzle, one 8-ft. pipe extension with lever shut-off and mechanical agitator.

Price \$54.00 Net Cash Price \$51.30

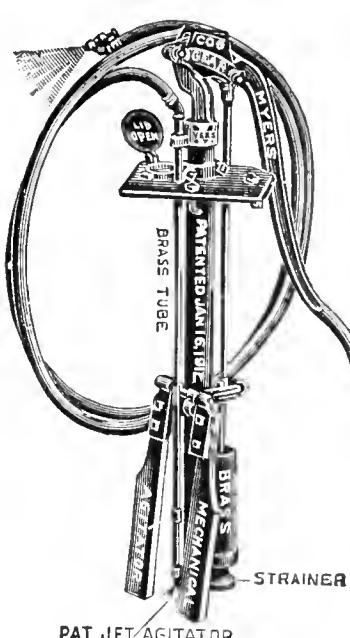
## Myers Portable Sprayer



A handy outfit about the home, greenhouse or orchard. The tank is made of heavy galvanized iron thoroughly reinforced at top and bottom by steel bands. Hung in the frame on trunions. 12 $\frac{1}{2}$  gallon capacity.

R336 $\frac{1}{2}$  B. Complete as shown, with dasher agitator, 15 ft.  $\frac{1}{2}$  in. 5-ply discharge hose, 8-ft extension and Vermorel nozzle.

Price \$25.00 Net Cash Price \$23.75



## Myers Cog Gear Barrel Spray Pump

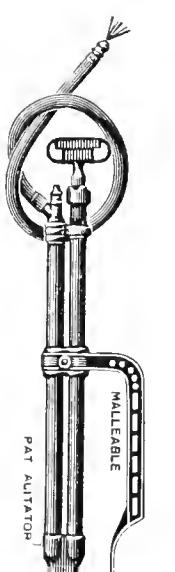
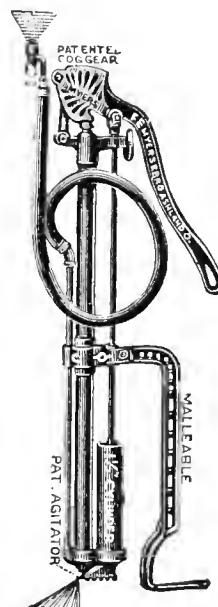
Complete with one lead of 15 feet  $\frac{1}{2}$ -inch 5-ply discharge hose, graduating Vermorel nozzle, and mechanical agitator for closed head barrel.

No. R318B Price \$16.00  
Net Cash Price \$15.20

## Myers Cog Gear Lever Bucket Spray Pump

With agitator, complete with detachable hose and graduating Vermorel fine sprinkling and solid stream nozzle.

No. R324 Price \$6.00  
Net Cash Price \$5.70



## Myers Little Giant Bucket Spray Pump

With agitator, complete with hose and imperial combination fine, coarse spray and solid stream nozzle, with malleable foot rest.

No. 327 $\frac{1}{2}$  Price \$3.75  
Net Cash Price \$3.56

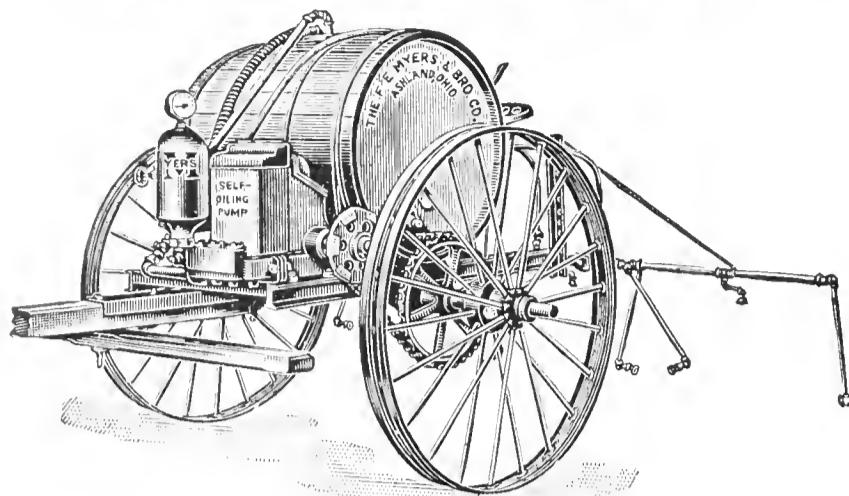
## Myers Eztofill Compressed Air Sprayer

Finished in French Gray Enamel. Complete with 18-in. Brass Extension Rod.

- No. 2240 2 $\frac{1}{2}$  Gallon Galv. Tank \$4.75
- No. 2240B 2 $\frac{1}{2}$  Gal. Brass Tank \$8.50
- No. 2242 4 Gallon Galv. Tank \$5.50
- No. 2242B 4 Gallon Brass Tank \$9.50



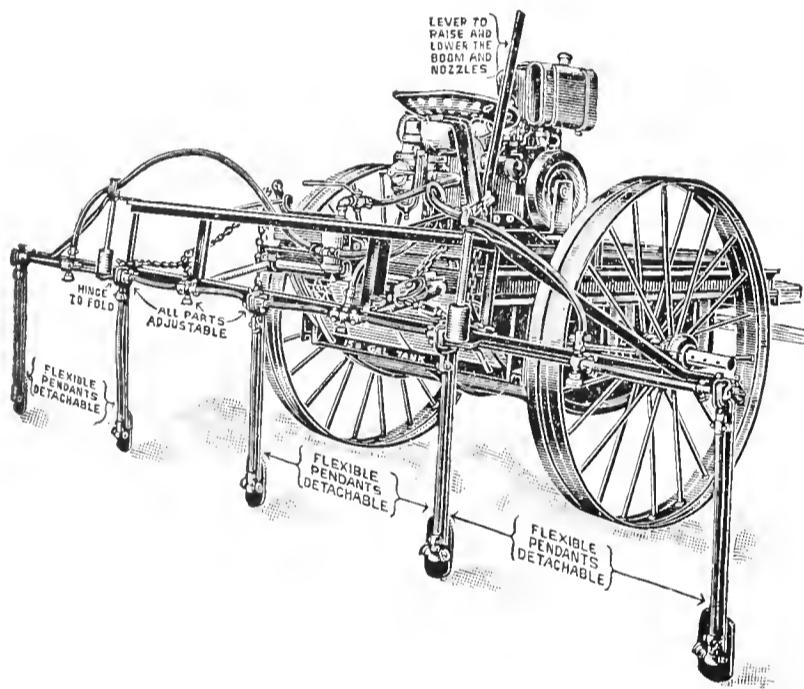
## Myers Row Crop Sprayers



Myers Traction Sprayer No. 1076 with 50-gallon tank, pressure guage, lever cut-off, long double-tree and neckyoke, 4-row boom.

Myers Traction Sprayer No. 1077 as shown with 100-gallon tank, lever cut-off, sediment chamber, long double-tree and neckyoke, 4-row boom.

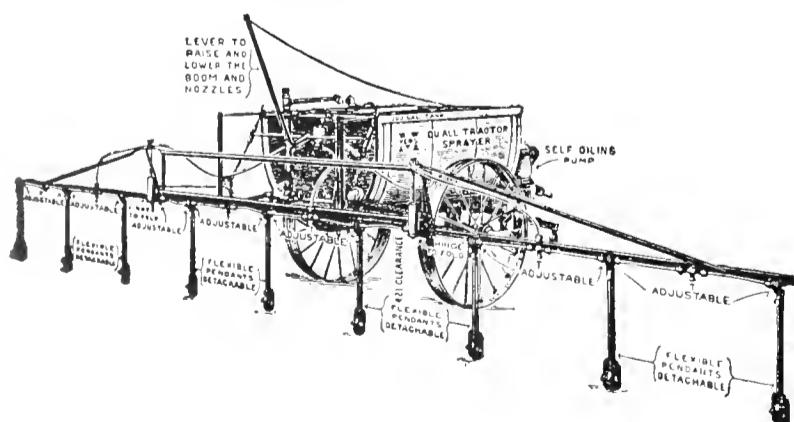
Prices on application.



Myers Junior Sprayer No. 1079 with 100-gallon tank, self-oiling bulldozer pump, 2-H. P. engine and 4-row boom.

Myers Senior Power Sprayer No. 1070X as shown with 150-gallon tank, duplex self-oiling pump, 4-H. P. engine, 4-row boom.

Prices on application.

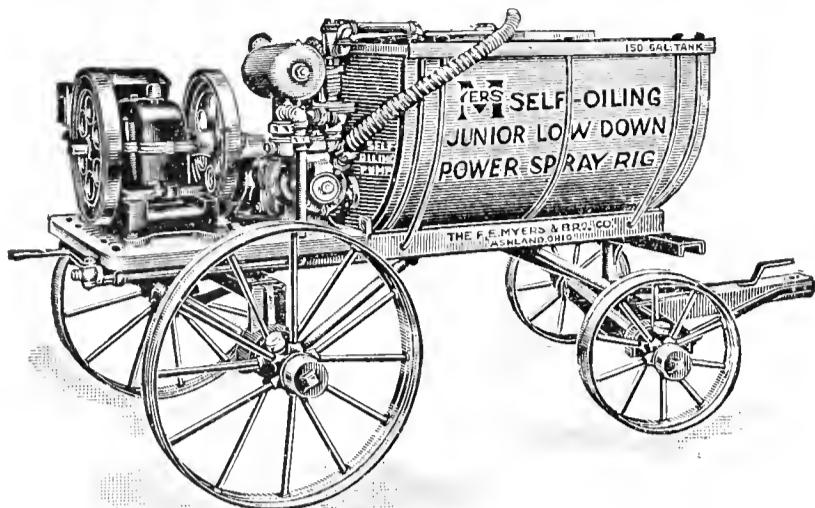


Myers Du-All Tractor Driven Power Sprayer with 200-gallon tank, triplex self-oiling pump and 6-row boom.

Myers Du-All Tractor Driven Power Sprayer No. 1099X with 300-gallon tank, quadruplex self-oiling pump and 8-row boom.

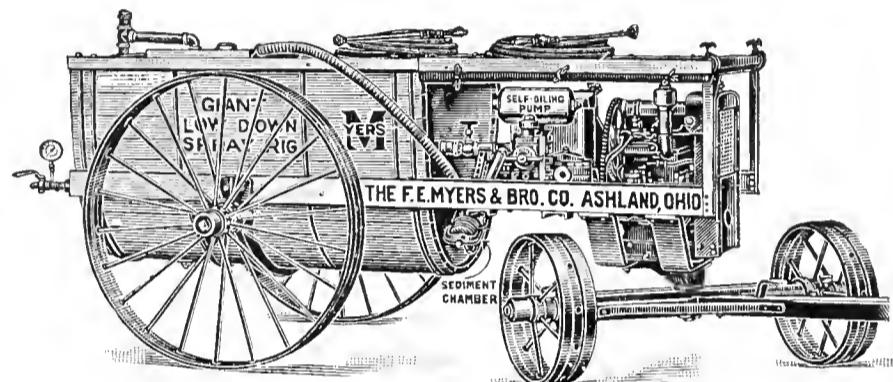
Prices on application.

## Myers Orchard Sprayers



Myers Self-Oiling Junior Low Down Power Spray Rig No. 754 with 100-gallon tank, engine and double acting pump. 250 to 300 lbs. pressure. Designed for the farmer with a small orchard.

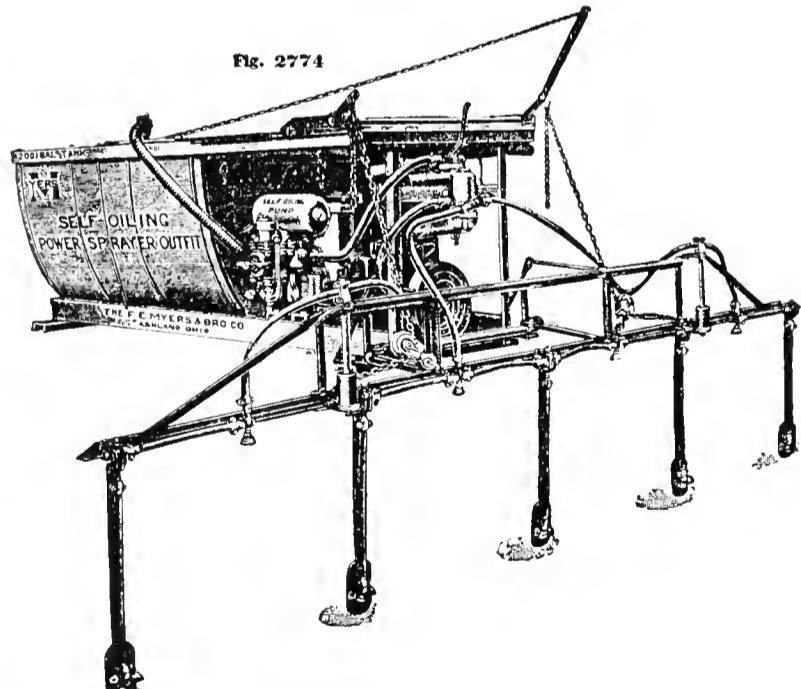
Prices on application.



Myers Giant Power Spray Rig No. 724X as shown with 200-gallon tank, Triplex pump and 6-H. P. engine, delivers 10 to 16 gallons per minute, 350 to 500 lbs. pressure.

Myers Giant Power Spray Rig No. 731X with 300-gallon tank, Quadruplex pump and 8-H. P. engine delivers 12 to 20 gallons per minute, 350 to 500 lbs. pressure.

Prices on application.



Myers Power Spray Outfits for mounting on farm wagon gears or trucks for row crop or orchard spraying. No. 1074X as shown 200-gallon tank with duplex pump delivering 8 to 12 gallons per minute or with triplex pump, delivering 12 to 18 gallons per minute, 350 to 500 lbs. pressure. No. 727 with 300-gallon tank and quadruplex pump delivering 16 to 25 gallons per minute, 350 to 500 lbs. pressure.

Prices on application.

## Dusting

### The Modern Method of Crop Protection.

The rapid strides which the dusting method of crop pest control has made in the past five years is directly traceable to the efforts of the Niagara Sprayer Company. Its success, however, has come because it has done those things which were claimed for it, and brought results by the most direct route.

Dusts of infinite fineness have been perfected, containing those properties necessary to kill insect pests and prevent diseases. Not only do the Dusts do the work done by liquid sprays, but their development has opened new fields of Crop Pest Control.

Niagara Dusts are now being made that stick "through Wind and Rain" and exhibit toxic properties to many fungi and insects heretofore unequalled by either wet or dry materials.

## Niagara Dusting Material

**Dormant Dust.** Delayed dormant dusting for San Jose scale, red mite and aphis on apples, pears and shade trees.

\$10.25 per 100 lbs.

**Kolodust.** A new dust developed by the Niagara Sprayer Co. It is sulphur fused with bentonite at high temperature and the product is koloized (a colloidal form). This produces a dust of infinite fineness much finer than 300 mesh, which experiment stations have proven more toxic to fungous diseases than any sulphur yet produced.

\$5.35 per 100 lb. bag.

**Kolotex.** A Sulphur Poison dust that will stick. The New Exclusive Niagara Sulphur Fungicide with Lead Arsenate.

\$7.00 per 100 lb. bag.

**Kolokil.** A Sulphur Heavy Poison Dust.

\$7.70 per 100 lb. bag.

**Kolopeach.** A Sulphur Small Poison content Dust suitable for dusting peaches and other stone fruits.

\$6.35 per 100 lb. bag.

**Kolopeach Special.** Carries a higher lead content. For use in orchards where peaches and apples are interplanted.

\$6.95 per 100 lb. bag.

**Super-Sulfodust.** A 300 mesh dusting Sulphur.

\$4.50 per 100 lb. bag.

**Pomodust.** A 300 mesh dusting sulphur with 10 per cent. lead.

\$5.85 per 100 lb. bag.

**Fruitex.** A 300 mesh dusting sulphur with 15% lead.

\$6.50 per 100 lb. bag.

**A-1 Mixture.** A Contact Poison Dust. High percentage of quickly volatile nicotine fumes. 3% actual 100% nicotine. For aphids, red bugs, pear psylla, etc. The best contact dust for sucking insects, both out doors and greenhouses.

\$11.50 per 100 lb. drum.

**P. A. Dust.** Used same as A-1, contains 4% actual 100% nicotine.

\$15.00 per 100 lb. drum.

**M21.** A 50-50 dust for cabbage and cauliflower.

\$7.00 per 100 lb. drum.

**Rotenone Dusts.** Non-poisonous. Are the latest development in materials for use in the control of chewing insects. They have the additional quality of leaving no objectionable residue at harvest time. The present restrictions in our arsenical residue tolerance have made an increasing demand for materials which kill chewing insects and yet may be used with safety. Price on application.

**Vitidust.** Copper, Lime, Lead Arsenate. Mixture for grapes.

\$7.00 per 100 lb. drum.

**Copodust.** A Copper-Lime Dust. The New Exclusive Niagara Copper Lime Fungicide for blights of potatoes and other field crops.

\$4.75 per 75 lb. bag.

**Copotex.** A Copper Lime Dust, with Poison added for potato bugs, etc.

\$6.50 per 75 lb. bag.

**Wildfire Dust.** A Copper Lime Dust for tobacco.

\$4.75 per 75 lb. bag.

Above Prices Subject to 5% Discount For Cash and 5% for Quantity of one ton or more.

## Niagara Spray Material

**Kolofog.** A colloidal sulphur, for Summer application on apples and peaches. More toxic than any other non-caustic sulphur spray material. Use 6 lbs. to 100 gallons of water.

48 lb. carton \$4.75

**Pre-Harvest Kolofog.** A substitute for Kolofog and lime on late applications.

48 lb. carton \$4.75

**Kolofog Wettex—Apple.** Kolofog with the proper amount of lead. Use 9 lbs. to 100 gallons of water.

45 lb. carton \$4.85

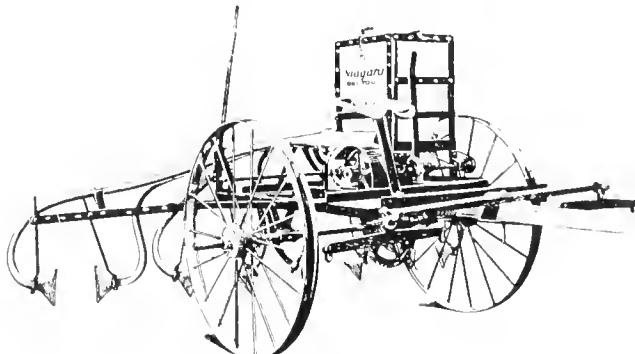
**Kolofog Wettex Peach.** Use 8 lbs. to 100 gallons of water.

48 lb. carton \$5.00

**Emulso.** Emulsified Oil for control of red mite, scale and aphis. Price on application.

**Peninsular Oil Emulsion.** (Used same as above.) Price on application.

## The "Dri-Fog" Crop Duster



(4-row,  
8-nozzle or  
6-row,  
12-nozzle)

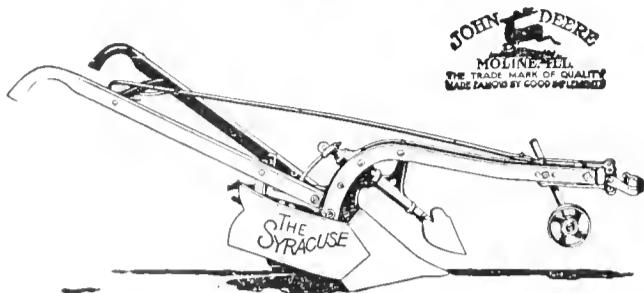
Prices on  
application.

Is the most recent addition to Niagara's complete line of Dusts and Dusters. This great crop duster is a new machine in every respect—in design, construction and performance.

## Cyclone Fruit Duster, Complete

With self-starter, generator, pneumatic tires and bag racks, powered by a 4 cylinder 8-14 H.P. engine, driving direct on the fan gears, or can be furnished to attach direct to tractor with power take-off.

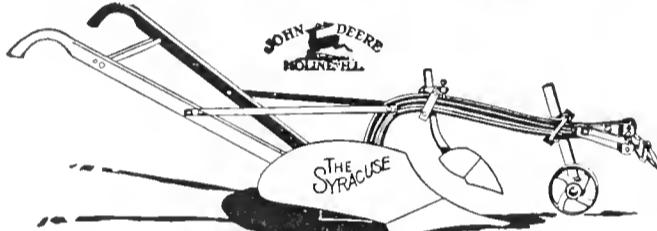
## John Deere--Syracuse No. 821 Series Truss Steel-Beam Hillside Plows



Ample throat room and close-fitting joints prevent clogging. Choice of white iron or tempered steel mouldboard adapts them to a variety of soils. Steel and malleable iron give maximum strength and unusual light weight. Two-piece truss-style beam is extra sturdy. Renewable shoe protects standard and serves as landside.

825 Small, one horse 824 Medium, one horse  
823 Large, one horse 822 Medium, two horse  
821 Large, two horse Prices on Application.

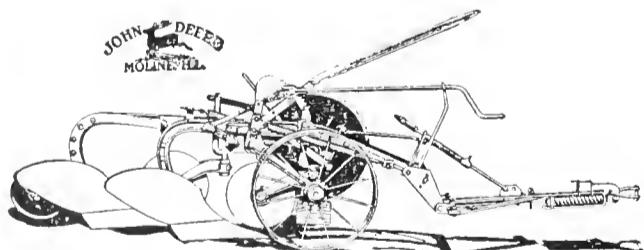
## John Deere--Syracuse No. 31-32 Series Walking Plows



The mouldboard of hardened soft-center steel is formed so that a furrow may be turned smoothly up or down on sloping land. This feature makes Syracuse plows of this series popular in sections where the land is somewhat rolling. Steel landside of extra height, furnished with a cast shoe which can be renewed at slight expense.

32 Medium, two horse 31 Large, two horse  
Prices on Application.

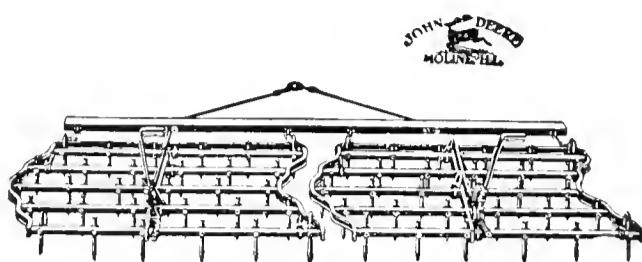
## John Deere No. 4 Tractor Plow



The strongest two-bottom tractor plow ever built. Beams, beam-bracing and other important parts are of the same great strength as similar parts built into larger John Deere tractor plows. Heavy-duty, constant power lift raises bottom to a constant height regardless of depth of plowing. 23-inch clearance from beams to share-points insures freedom from clogging. Rolling landside carries rear weight on greased bearing—no dragging landside friction. Furnished with 12, 14, or 16-inch bottoms. For any farmer operating a "two-plow" tractor, the No. 4 is a mighty satisfactory plow.

24" Cut (1442S Bottoms)  
28" Cut (1441S Bottoms)  
Prices on Application.

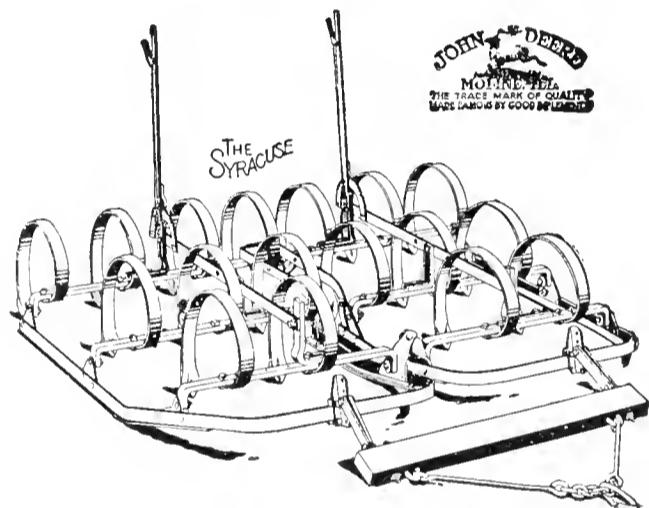
## John Deere Universal Steel Lever Harrow



The Universal is the ideal spike-tooth harrow for orchard or vineyard work because the end rails prevent the tooth bars from catching on trees or vines. A spring relief on each lever permits the harrow teeth to pass over roots, stones, or other obstructions without being damaged. We can furnish the Universal in one, two, three, and four sections, with either 25 or 30 teeth to the section.

Price on Application.

## Syracuse Spring Tooth Harrow

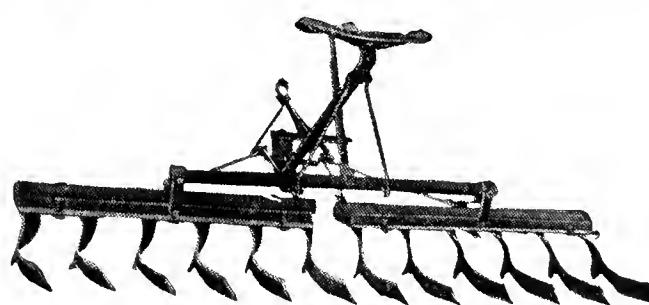


Its special-process, heat-treated spring steel teeth penetrate to a greater depth than any other type of harrow teeth. They tear out the weeds and leave the field smooth. The teeth are securely clipped to the tooth bars—no bolt holes to weaken them. We can furnish any number of sections you desire; also tractor hitch if you want it.

Price on Application.



This photograph shows a field of Broadleaf tobacco grown on the farm of Mrs. A. C. Burnham & Sons, East Hartford, Conn. Mrs. Burnham has been a consistent user of O&W Fertilizer for many years.

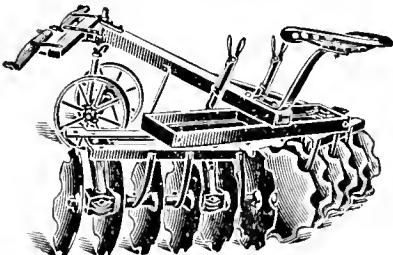
**Acme Pulverizing Harrows**

Acme Pulverizing Harrows are constructed entirely of steel and iron. They are practically unbreakable and have nothing to wear out but the coulters, and they are interchangeable.

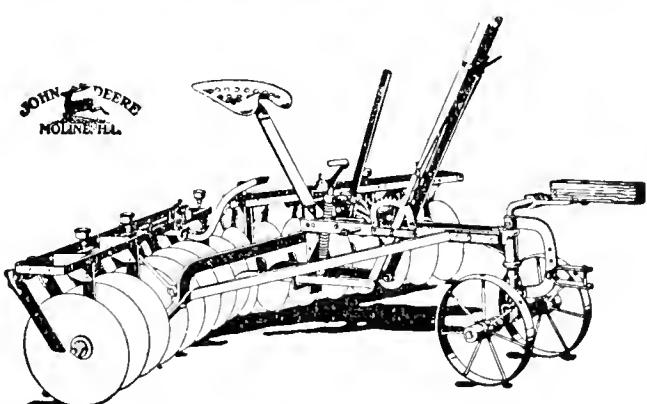
No. 8—4 ft., 4 in., cut for one horse.

No. 12—6 ft., 6 in., cut for two horses.

Prices on Application.

**Clark Cutaway—SINGLE ACTION**

The Clark "Cutaway" single action harrow is reversible, that is, the gangs can be swung end for end, so that the soil may be thrown either out or in. A-4 1-horse, 8-16 inch discs. A-6 2-horse, 12-16 in. discs, with pole or foretruck. Prices on Application.

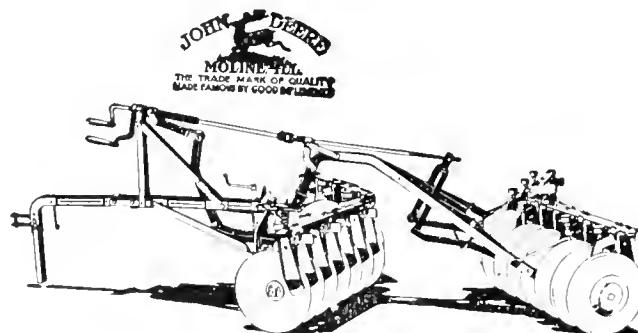
**John Deere Model B**

Extremely flexible, penetrates, pulverizes and packs the soil its entire width. Each gang works independently—one gang can pass over obstructions without lifting the other from its work. 12-16 inch discs with pole or foretruck.

Prices on Application.



140 acres of potatoes grown on the farm of Robert Browning, Jr., of Kenyon and Charlestown, R.I. This crop was grown on our Wilcox potato fertilizer. Mr. Browning has used our Wilcox potato fertilizer for several years. Photograph taken August 2, 1935.

**John Deere Model "LC" for Tractor**

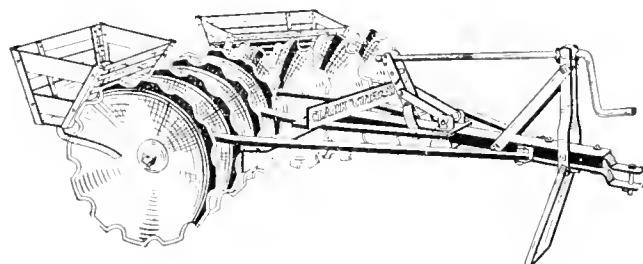
Front and rear sections are angled by independent cranks convenient to tractor operator, without backing or stopping harrow. Automatic yielding lock coupling, an exclusive feature, compels rear discs to cut ridges left by front gangs.

24-16 in. discs, 6 ft. cut

28-16 in. discs, 7 ft. cut

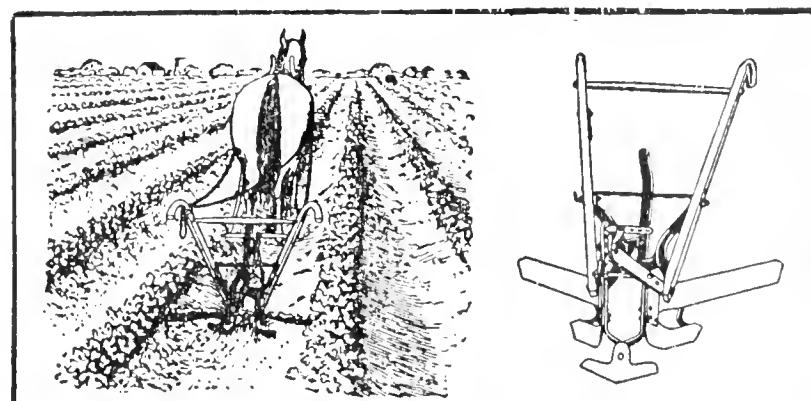
32-16 in. discs, 8 ft. cut

Prices on Application.

**"Clark Cutaway" Tractor Wonder Disker**

The Wonder Disker is a great improvement over the bush and bog plow and harrow which was popular for many years. It is a large, heavy, powerful implement, built for the unusual job where ordinary plows and harrows either cannot be used at all, or where they make the job too laborious and costly. For orchard work the reversing feature is vital.

Price on Application.

**The Fowler Cultivator**

This cultivator has been widely used in all sections for many years. It is a general purpose, one horse cultivator adapted to a wide range of work. Practically all steel, very strong and durable.

Price \$15.00 Net Cash Price \$14.25

## Planet Jr. Seeders



The No. 300A is rapidly becoming the most popular seeder for market gardeners. It is a plate seeder having three seeding plates each with 13 holes giving ample adjustments for any size seed. Adjustments quickly and easily made. Hopper removable. Many exclusive features combine to make the No. 300A easy running, dependable and accurate. For use on ordinary soil.

Price \$18.75 Net Cash Price \$17.82

**No. 320 Fertilizer Attachment**—Will fit either No. 300 or No. 300A Seeder, applying fertilizer in bands on either side of the row while the seed is being planted. Or can be used for putting formaldehyde dust directly on the seed. Can be used thru the growing season for side-dressing crops, putting the fertilizer in a narrow furrow next to the plants.

Price \$13.00 Net Cash Price \$12.35

**No. 3 Hill and Drill Seeder**—For many years the No. 3 has been a popular seeder all over the world. There are a number of reasons for this preference on the part of professional growers.

Price \$16.50 Net Cash Price \$15.68

**No. 4. Combined Hill and Drill Seeder**, single wheel hoe, cultivator and plow.

Price \$16.75 Net Cash Price \$15.92

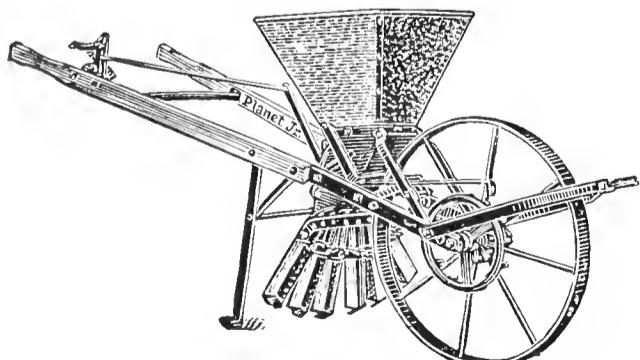
**No. 4-D. Seeder only.**

Price \$13.50 Net Cash Price \$12.83

**No. 25. Combined Hill and Drill Seeder**, Double or single wheel hoe. Cultivator and plow.

Price \$21.00 Net Cash Price \$19.95

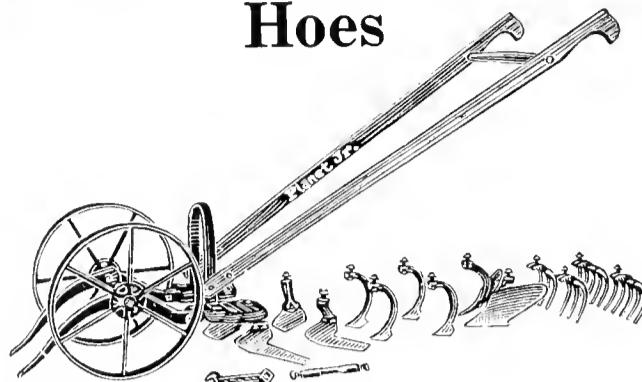
## Planet Junior Fertilizer Distributor



**No. 220** will handle any commercial fertilizer and will distribute it evenly in any desired quantities.

Price \$26.00 Net Cash Price \$24.70

## Planet Jr. Double Wheel Hoes



**No. 11 Equipment (as shown):** One pair six inch hoes, one pair 4½" hoes, four steel cultivator teeth, one pair plows, two three-tooth rakes, two five-tooth rakes, two leaf lifters.

Price \$13.00 Net Cash Price \$12.35

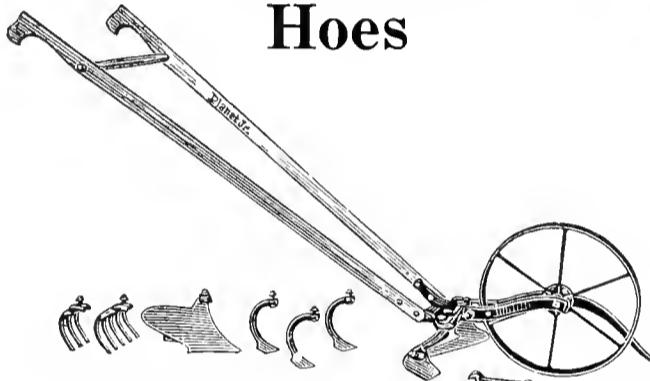
**No. 12 Equipment**—one pair six inch hoes, four cultivator teeth, one pair plows.

Price \$10.25 Net Cash Price \$9.74

**No. 13 Equipment**—one pair six inch hoes.

Price \$7.60 Net Cash Price \$7.22

## Planet Junior Single Wheel Hoes



**No. 16 Equipment (as shown)** one pair of six inch hoes, three cultivator teeth, one garden plow, one seven inch rake, one four inch rake, one leaf guard.

Price \$8.50 Net Cash Price \$8.08

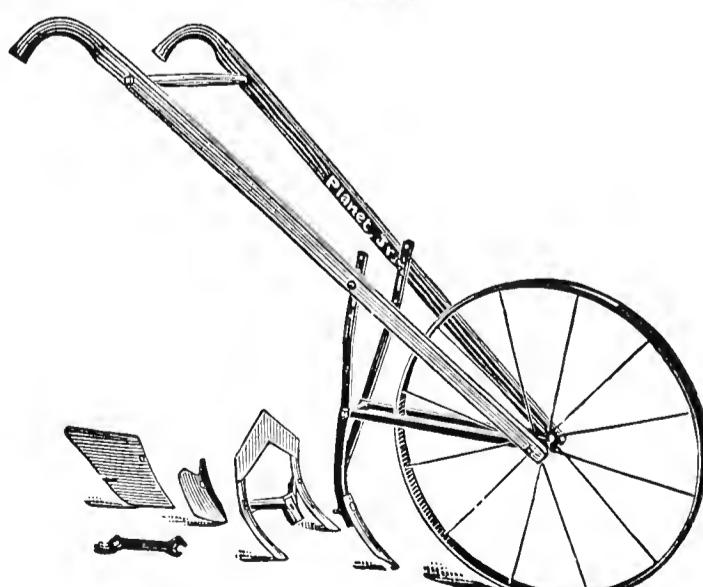
**No. 17 Equipment**—one pair six inch hoes, three cultivator teeth, one plow.

Price \$7.35 Net Cash Price \$6.99

**No. 18 Equipment**—one pair six inch hoes.

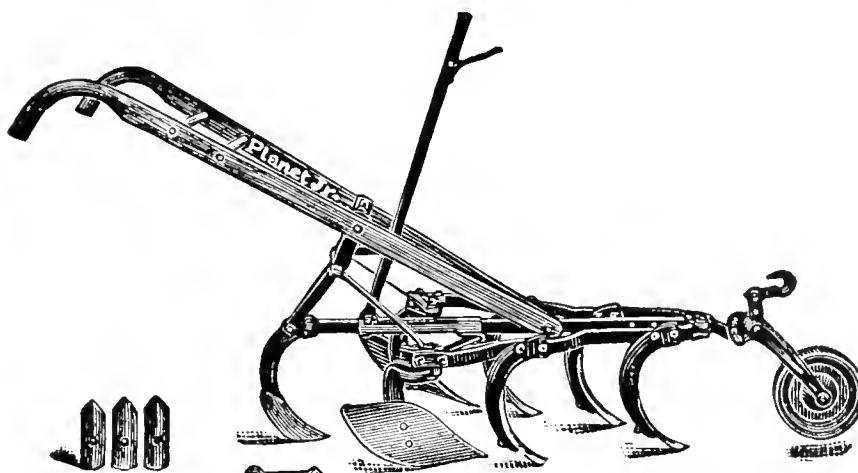
Price \$5.50 Net Cash Price \$5.23

## No. 119 Planet Junior Garden Plow



A complete low priced all around Garden Plow. 24-inch steel wheel 1¼ inch rim. Light, easy running and does fine work. Can be used for weeding, cultivating, furrowing, hillling, etc. Price \$3.75 net.

## Planet Junior Horse Hoes and Cultivators



A very popular machine because of the large amount and great variety of work that can be done with it. Finishes rows up to 42 inches apart and works the middle complete at one passage. Zig-zag frame is particularly strong and the seven teeth insure fine and thorough cultivation. In addition to regular equipment other width of cultivator teeth, sweeps, furrowers and turning shovels can be added. Price (as shown) \$14.25 Net Cash Price \$13.54

—No. 82 with lever wheel.

Price \$15.75 Net Cash Price \$14.97

—No. 83 Planet Jr.—

Equipment. Seven  $2\frac{1}{4}$  x 8 in. cultivator steels, lever expander.

Price \$12.75 Net Cash Price \$12.12

—No. 83 with lever wheel.

Price \$14.25 Net Cash Price \$13.54

—No. 7 Planet Jr.—

Equipment. Four 3 x 8 in. cultivator steels, one 4 x 8 cultivator steel, two six-inch hillers, one seven-inch shovel, lever wheel, lever expander.

Price \$14.20 Net Cash Price \$13.49

—No. 8—Planet Jr.—

Same as No. 7, but has a depth regulator.

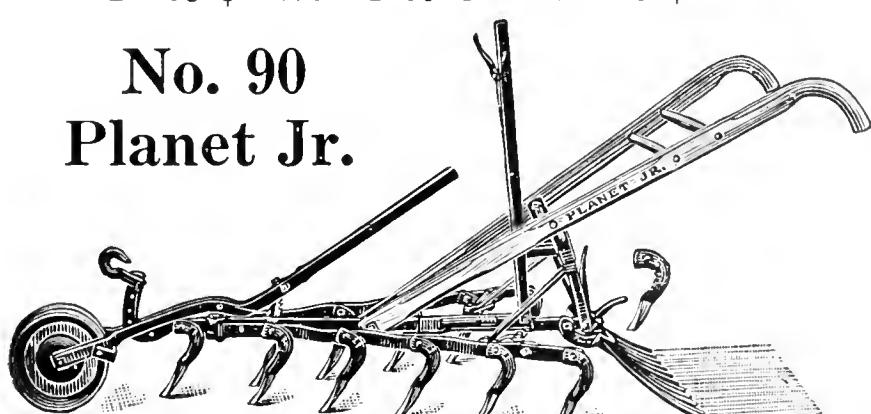
Price \$14.70 Net Cash Price \$13.97

—No. 9—Planet Jr.—

Same as No. 7, but has plain wheel instead of lever wheel.

Price \$12.75 Net Cash Price \$12.12

## No. 90 Planet Jr.



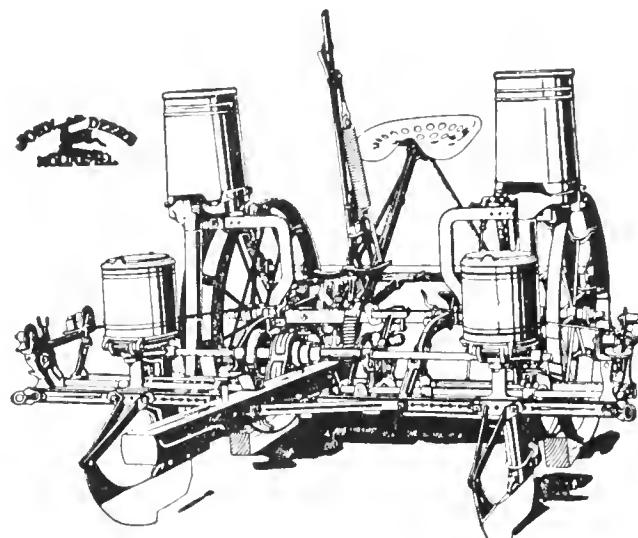
Twelve-tooth harrow (as shown). Price \$15.50.  
Net Cash Price \$14.73

—No. 90B Harrow (less pulverizer).

This tool has become a special favorite with strawberry, tobacco and sugar beet growers, market gardeners, truckers and farmers, because of the fine work of the chisel-shaped teeth. Cultivates any width from 12 to 32 inches. Handles adjust up, down and sidewise—a great advantage in blackberries, raspberries, etc.

Price \$12.75 Net Cash Price \$12.12

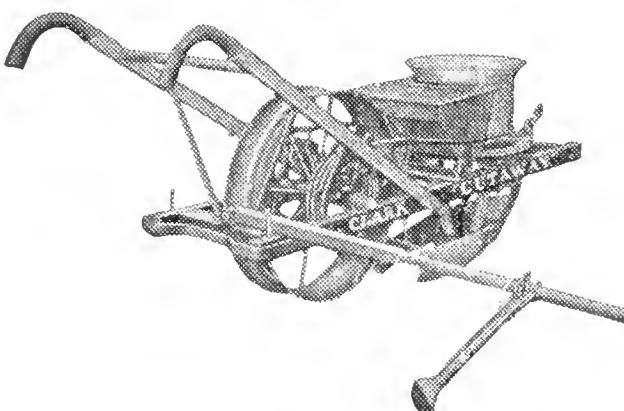
## John Deere No. 999 Corn Planter



Widely recognized as the most accurate planter on the market. The John Deere Natural Cell-Fill, Edge-delivery seed plates, sloping hopper bottom, improved metal cut-off and knocker insure positive feed and unfailing accuracy. Plants accurately whether the hopper is full or nearly empty. Seed plates for handling every kind of corn; also beans, and many other seeds. Variable drop plants two, three or four kernels in each hill as desired. The number of kernels per hill can be varied merely by shifting foot lever, without stopping the machine. Also varies the distance in drilling. Easy to change from hillling to drilling. Underhung reel; a touch of the toe releases check wire, fertilizer can be checked with each hill, or drilled along a row.

Price on Application.

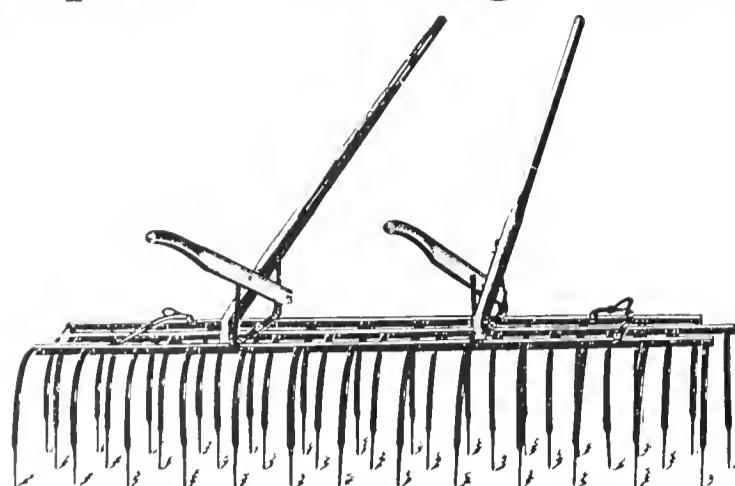
## Clark "Cutaway" Corn Planter



—CLARK "CUTAWAY" CORN PLANTER—is adapted for hilly and rocky land, as well as for easy working conditions. It can be easily pulled by one horse and seven to ten acres can be planted in a day. The seed hopper has two compartments, so two kinds of seed may be planted at the same time, such as corn and beans, or other seeds. Every planter is equipped for planting in hills  $4\frac{1}{2}$ , 9, 12, 18, 24, 36 and 72 inches apart. It also plants in drills.

Price on Application.

## Farquhar Walking Weeder



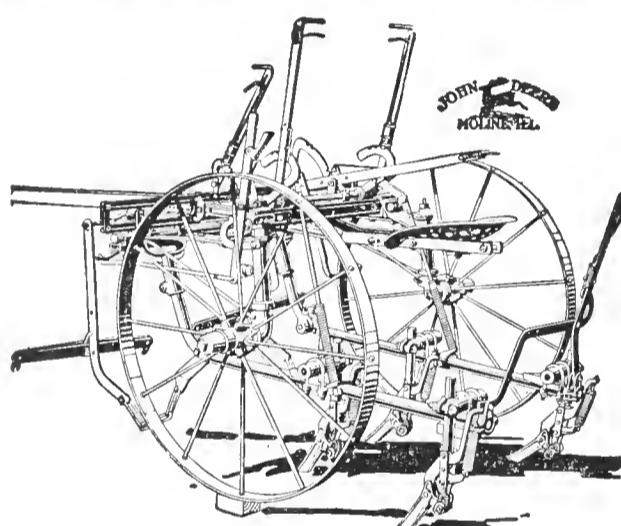
A standard weeder having curved teeth. Built in two sizes 7½ ft.—39 teeth—11 ft.—57 teeth. Prices on Application.

**Farquhar Riding Weeder**—12 ft.—63 teeth.

Grass seed attachment for above sows in front of the teeth and is driven by sprocket from ground wheel. Quantity ranges from four to twenty quarts per acre.

Prices on Application.

## John Deere KL Cultivator



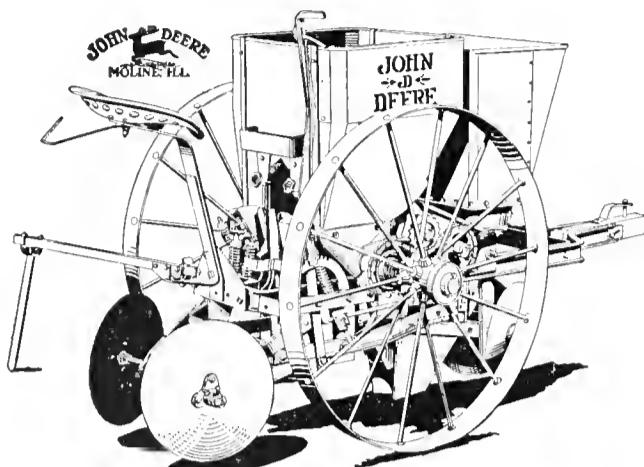
Especially designed for use in narrow or wide rows—the ideal cultivator for diversified farming. Wheel track quickly adjustable to cultivate rows from 28 to 48 inches wide. Easy control to meet all field conditions by means of master lever, independent depth levers, tilting lever and spacing lever. Quick dodge—pedal guide pivots wheels and shifts rigs. Open framework through center gives good view of work ahead of shovels. Strongly built.

Price on Application.



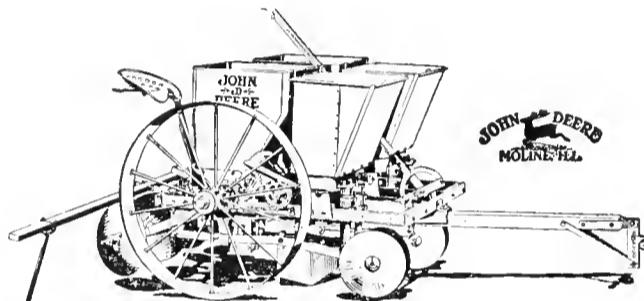
Fine crop of Broadleaf grown on farm of Harry S. Reid, Suffield, Conn. Grown on our Complete tobacco fertilizer.

## New John Deere Potato Planter



The simple gravity feed insures just the right amount of seed in the bowl for efficient planting. You can plant whole or cut, treated or untreated seed with surprising accuracy. Highly efficient fertilizer equipment, with leak proof hopper bottoms. Handles fertilizer in practically any quantity desired, in just the way you want it handled, and at the desired depth.

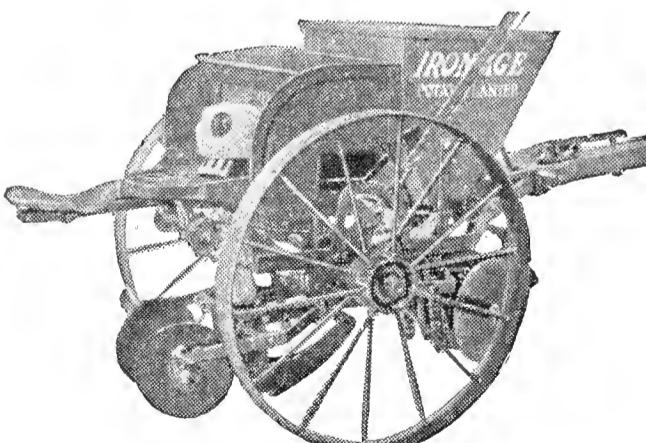
Price on Application.



Two row planters are furnished in two sizes, adjustable for rows 30, 32, 34 and 36 inches wide, and for rows 36, 38, 40, and 42 inches wide.

Price on Application.

## Iron Age Potato Planters-- One Row

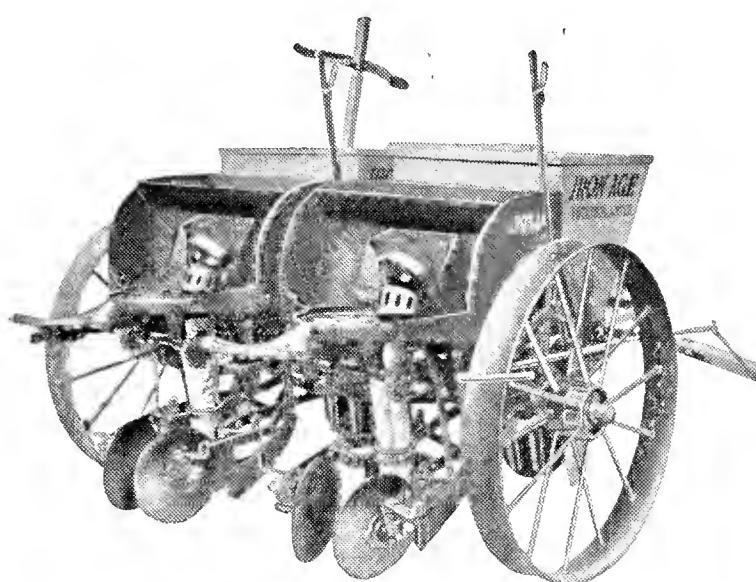


### ASSISTED-FEED PLANTER

For many years it has been conceded that in its ground performance, the Iron Age Planter exhibits the highest degree of perfection ever attained. By Iron Age ground performance is meant the opening of furrow, distributing of fertilizer, and finally ideal covering and ridging. Equipped for large seed.

Price on Application.

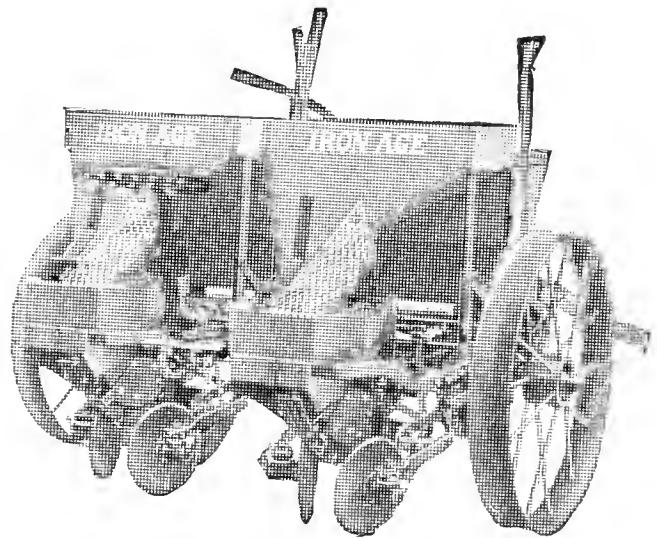
## The Two-Row



**THE TWO-ROW** Assisted-Feed Planter—has become very popular with the larger grower—not only because of the increased speed of planting, but because it eliminates the use of one man (another driver), as only one driver is required. It is strongly constructed and braced with heavy angle irons, firmly bolted together, which carry all the center weight without placing strain on the axles. It is supplied in two ranges of four width adjustments. For rows 30, 32, 34 and 36 inches, or 36, 38, 40 and 42 inches. Size wanted must be specified when ordering.

Price on Application.

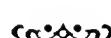
## Iron Age Automatic Planters



**IRON AGE AUTOMATIC PLANTERS** differ from the Assisted-Feed Planters only in their mechanical handling of the seed. The picking of the seed and the planting mechanism are always in plain view of the operator.

One and Two Row.

Prices on Application.

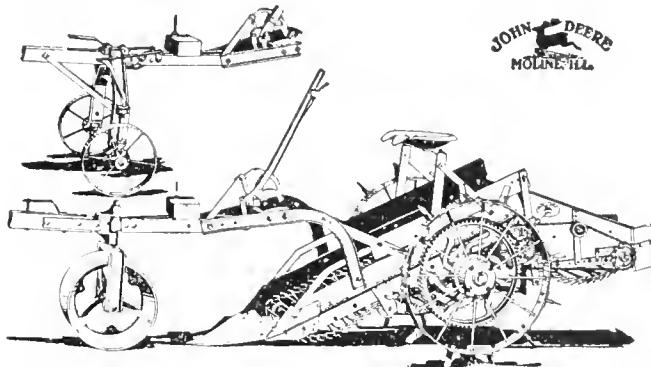


**IT PAYS TO USE  
O. & W. POTATO FERTILIZERS**

## John Deere--Hoover Potato Diggers

These famous mechanical diggers dig the potatoes with a minimum of mechanical injury. Shovel of crucible plow-steel, scours and works in varied conditions without bending or breaking.

Main sides are built up of two steel angles riveted together—much stronger than single-angle construction.



Furnished in one-row size with ground or engine drive, and one-and two-row tractor drive, with equipment to meet your requirements.

Prices on Application.

## Farquhar Success Jr. Potato Digger



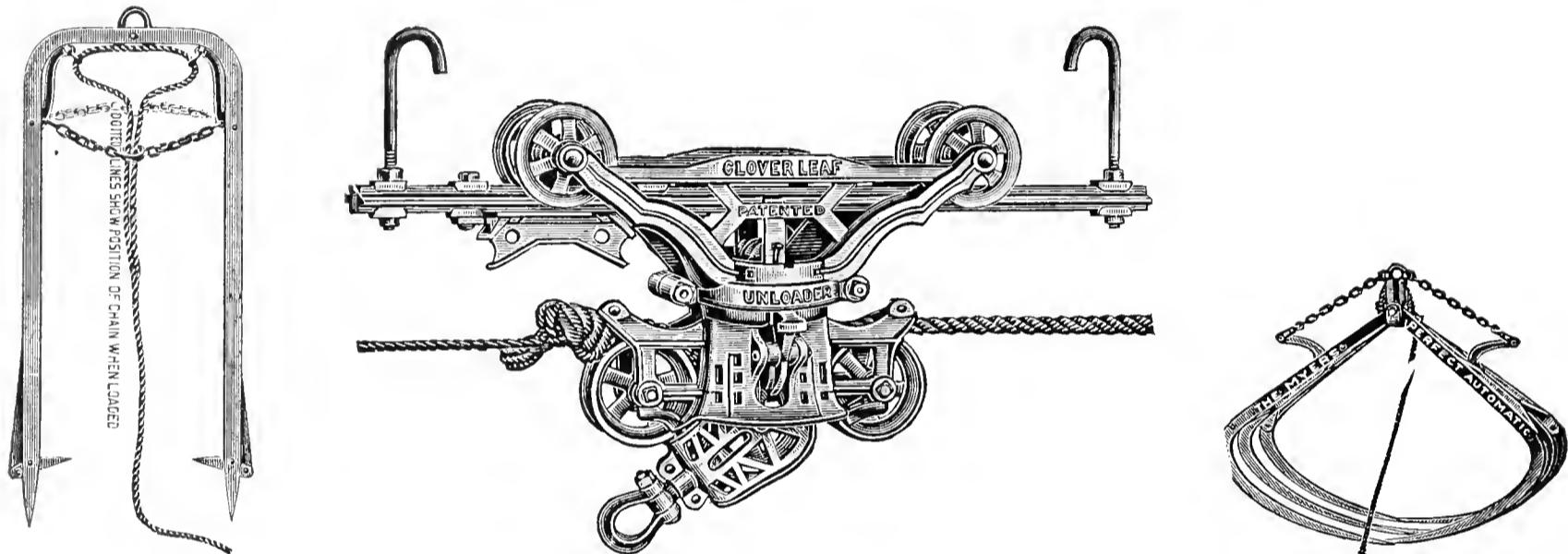
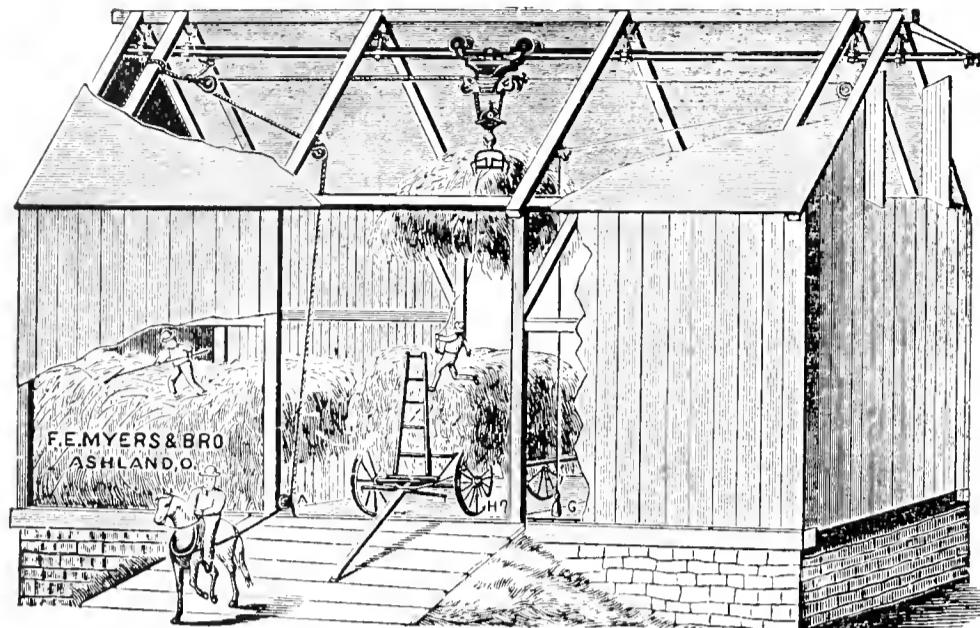
The most popular plow-type digger on the market. Just the digger for the small grower—in fact no farmer can afford to be without this digger, even if he raises only sufficient potatoes for his own consumption. In time and labor saving it pays for itself the first season.

Price on Application.



The above photo was taken July 23, 1935 on the farm of E. T. Hurlburt & Son, Somers, Conn. The Hurlbarts, father and son, are among the largest growers of potatoes in Connecticut and have used O&W fertilizer for many years

## Myers Hay Unloader Outfit



The advantages of a hay carrier as a means of storing away hay or grain are so well known that it is not necessary to go into detail.

Material required for a 40 foot barn: One

Prices on Application.

Unloader, 36 ft. Steel Track, 19 hanging hooks, 19 rafter brackets, 5 knot passing pulleys, 1 fork, 6 floor hooks, 110 feet  $\frac{3}{4}$ " Manila rope, 50 ft.  $\frac{5}{8}$ " check rope, 40 ft.  $\frac{3}{8}$ " reverse rope.

## Planting and Picking Bags



No. 1

The bottom of bag No. 1, left open, is folded back and held secure by rope and hook. To empty, the rope is released which allows contents to flow gently into crate or barrel.

Price \$1.75 each \$20.00 dozen

Price of Bag No. 2 \$1.25 each \$14.25 dozen



No. 2

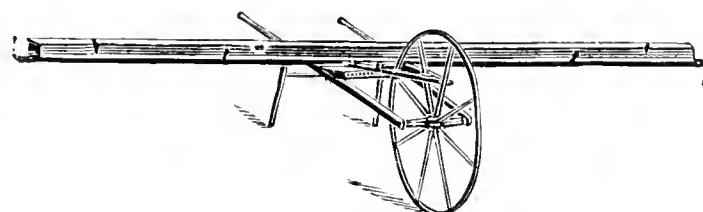
## Cyclone Seed Sower



Its well known Double Feed: insures a uniform flow of Seed. Slope Feed Board: keeps hopper properly filled. Feed Adjustment: is automatic and starts or stops flow of seed instantly. Triple Gears: are adjustable to take up possible wear. Distributing Wheel: is made of metal. Has an interlock hub. Scatters seed evenly—throws equal amounts to equal distance on each side of operator.

Price \$2.50 Net

## Thompson Wheelbarrow Seed Sower

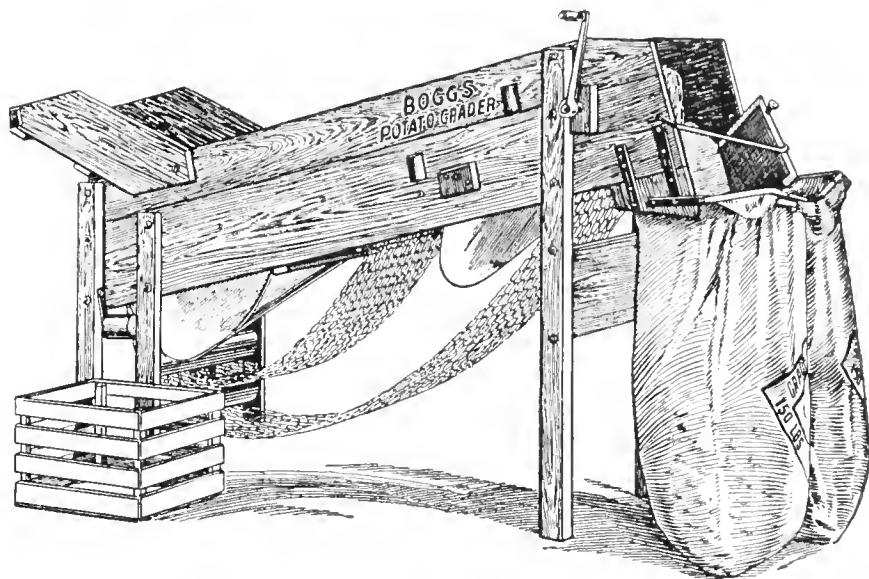


Sows timothy, clover, alsike, alfalfa, millet, turnip and various other seeds.

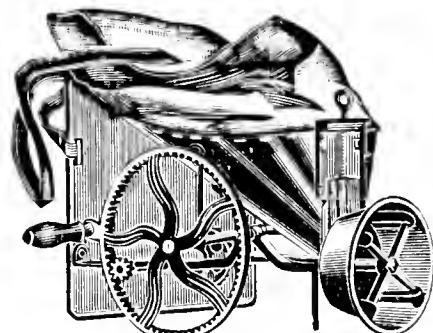
Price 14 ft. \$15.00 Net

Grain box for above \$9.50 Net

## Boggs Standard Potato Grader

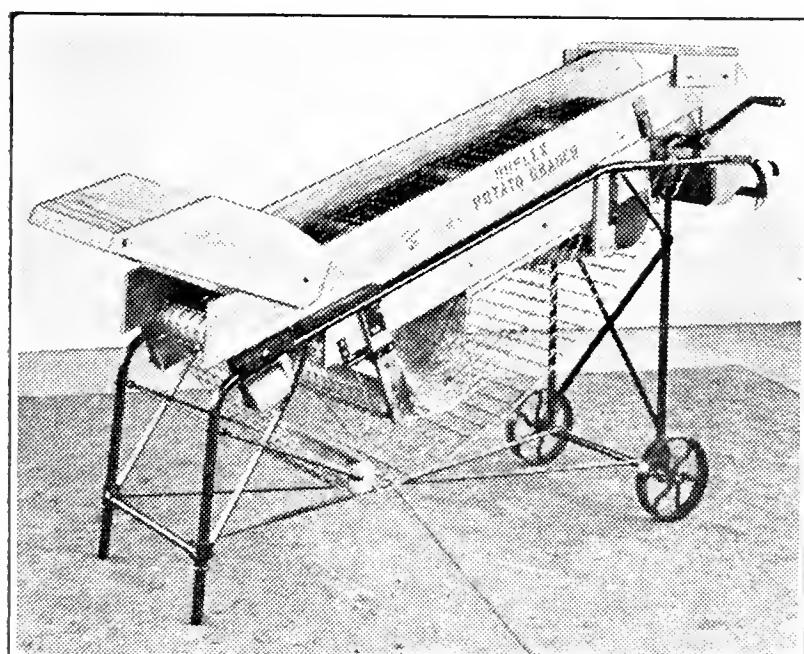


## Cahoon Broadcast Seed Sower



Price \$5.00 Net

## Duplex Model AA Double Belt Grader



This grader is of conventional design, belt over a belt type grades two sizes and eliminates the culs. It is portable, mounted on two wheels, therefore it may be wheeled about from place to place with considerable ease. Has a quick acting and positive bagging attachment for the No. 1 size.

**DUPLEX MODEL A with Side Elevator.** The latest development in grading equipment, is equipped with a double bagging attachment for both the No. 1 and No. 2 sizes.

Prices on Application.

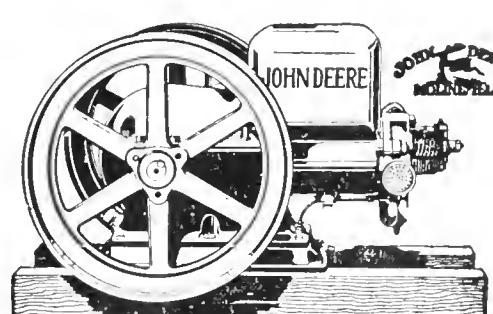
Boggs No. 3 machine permits long or round potatoes to be sorted and graded into No. 1 and No. 2 sizes with less than 3% variation in size from government grades, and cleans them of all dirt, trash and culs in one operation. No. 3 hand grader as illustrated has a capacity of 150 bushels per hour.

When large quantities of potatoes are to be graded, the power equipments will be found most advantageous. They not only have much greater capacity than the hand machine but effect a big labor saving.

Prices on Application.

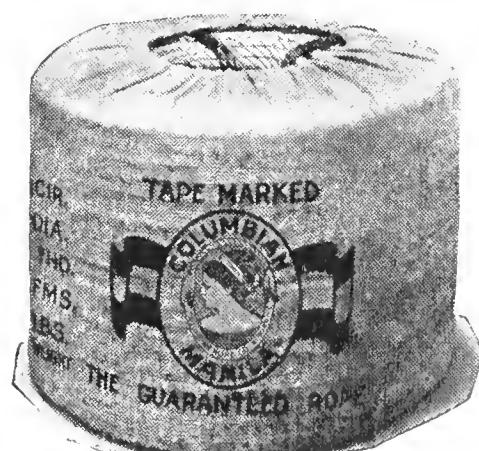
## John Deere Type E Farm Engine

Contains the greatest improvements in engine building made in years. All important working parts fully enclosed in dust proof case are oiled automatically. Magneto equipped 1½, 3 and 6 Horse Power.



Price on Application.

## Columbia Tape Marked Pure Manilla Rope

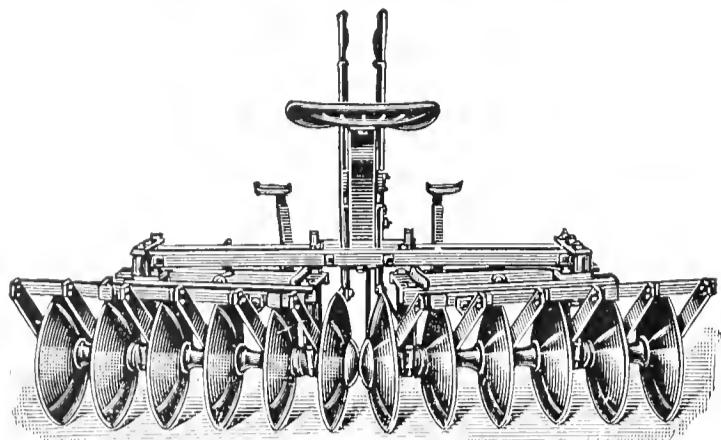


Guaranteed for high quality, strength, durability and service and in proof of its genuineness, branded with a red, white and blue tape marker.

We carry in stock sizes from  $\frac{3}{8}$ " to 1".

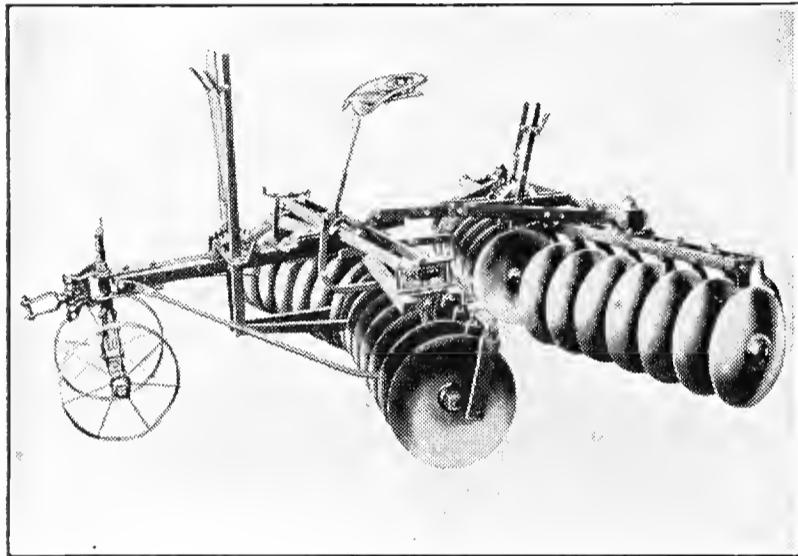
Price on Application.

## Ohio Disc Harrows



The construction of this harrow is of the very best. It is all steel even to the stub pole. There is a main or top frame to which the two sub-frames are attached by flexible connection which makes the harrow cover every inch of ground.

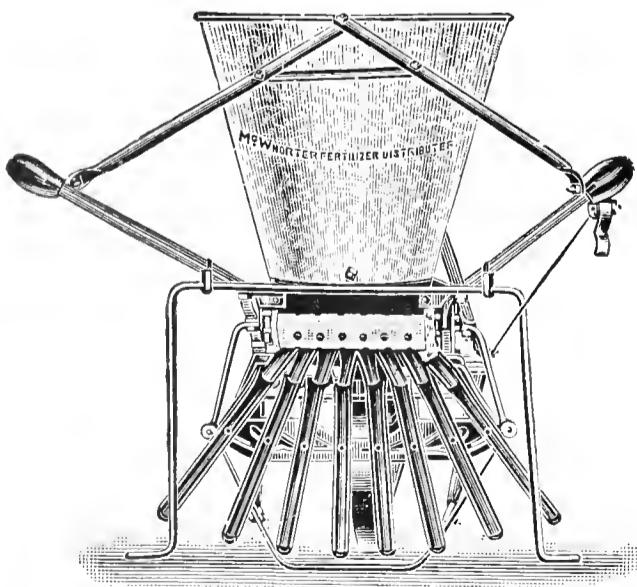
Prices on Application.



This harrow is substantially built, has sufficient weight and is so designed as to easily reach those clods just below the surface.

Prices on Application.

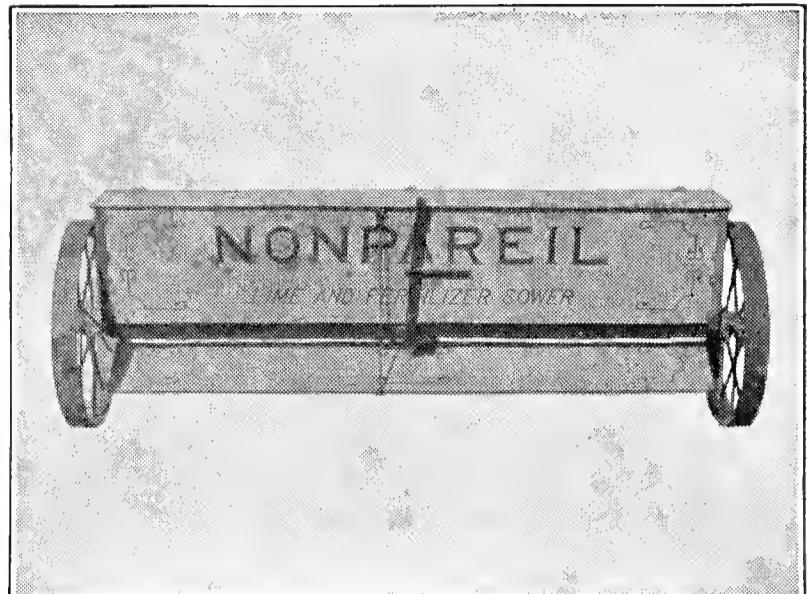
## McWhorter Fertilizer Distributor



Positive belt feed. Sows 200 lbs. to a ton per acre.

Price \$21.00 Net Cash Price \$19.95

## Nonpareil Broadcast Lime and Fertilizer Sowers

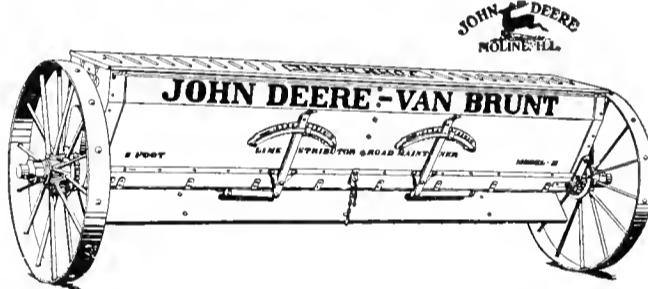


Are designed to handle all the different kinds of agricultural lime and commercial fertilizers in quantities ranging from 100 to 5000 lbs. per acre.

5 ft. size for 1 horse. 8 ft. size for 2 horses.

Prices on Application.

## John Deere--Van Brunt Lime and Fertilizer Sower



Covers 8 feet of ground; carrying capacity 10 bu. Direct wheel drive—each wheel drives half the machine.

One of the best features of this sower is the simple feed control which enables you to distribute crushed lime rock, commercial fertilizers and other materials in quantities from 150 to 8000 pounds per acre. Half of the mechanism can be disengaged for sowing narrow strips.

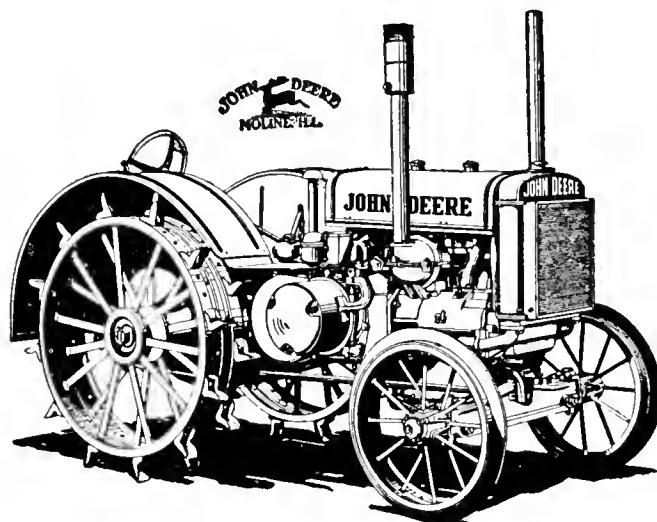
Price on Application



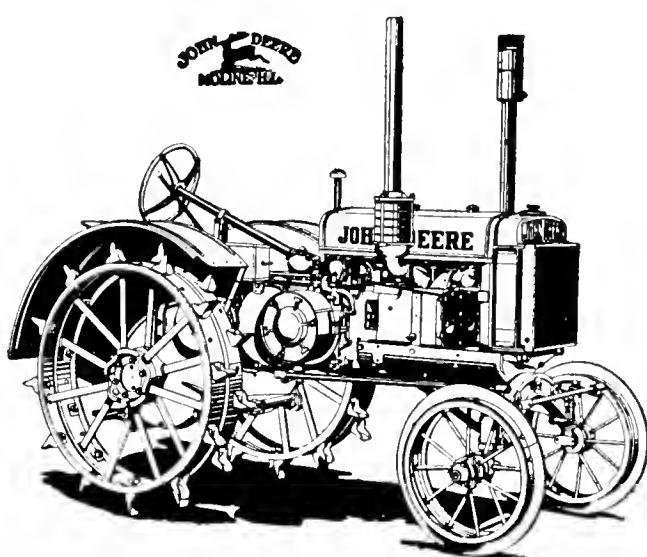
Crop of potatoes grown on our Wilcox fertilizer on the farm of Mr. William Brennan, Ocean Road, Bridgehampton, Long Island. Mr. Brennan grows approximately 150 acres of potatoes.

## JOHN DEERE TRACTORS

Save \$1.00 to \$2.00 a day in fuel costs alone because they successfully burn distillate and similar low cost fuels. Distillate costs much less than gasoline. Distillate produces more power (more work) per gallon.



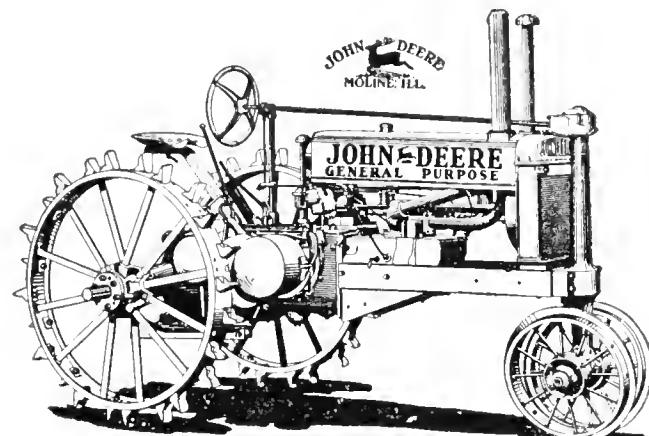
The new JOHN DEERE Model D is a powerful tractor built for the heavier farm jobs. It will pull a 3-bottom plow in practically any condition. Thousands of owners have found in the Model D just the combination of features they wanted: Great power, light weight, remarkable simplicity, ease of adjustment and operation, plus the most important thing of all—the ability to burn low-cost fuels. Price on application.



This new JOHN DEERE Model AR Tractor sets an entirely new standard of value in a standard tread tractor with the pulling capacity of a 6-horse team. You'll find in it all the time-tried and field-proved mechanical features of other John Deere Tractors. You'll find it an economical, dependable, money-making tractor to own. With its four forward speeds, the Model AR is adaptable to more jobs. Two and three mile per hour speeds meet the requirements for heavy drawbar work. Four miles per hour speed makes short work of the lighter jobs. And for transport work, there is a high of 6-1/3 miles per hour. This newly designed, standard tread Model AR has flexibility and adaptability which makes its operation in the field outstanding. It is easy to handle. You get maximum traction at all times. The belt pulley mounted on the crankshaft insures maximum power, with an unobstructed view so that you can easily align the tractor with the driven machine. Price on application.

New JOHN DEERE Model BR Standard Tread Tractor handles the load ordinarily pulled

by a 4-horse team. In its four forward speeds, economy of operation, convenience, durability, ability to burn the low-cost fuels, and mechanical features—in everything but size—this New John Deere Model BR Tractor is identical to the John Deere Model AR. Price on application.



JOHN DEERE Model A General Purpose Tractor with adjustable tread is designed to handle the six-horse load on drawbar jobs. It is furnished with power shaft and can be furnished with hydraulic power lift. With its modern 2- and 4-row equipment, it puts into the hands of one man, the working capacity of three to six men using less modern equipment. Price on application.

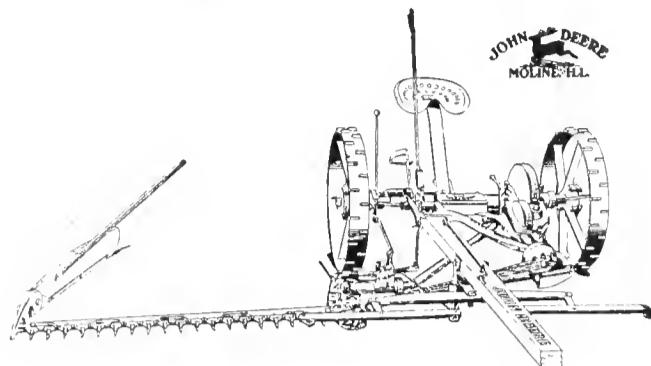
New JOHN DEERE Model B General Purpose. The tractor that has been eagerly awaited by all small power users. The new model B is about two-thirds the size of the Model A in power and weight, but has all of the advanced John Deere General Purpose features — adjustable tread, four forward speeds, narrow, compact design, light weight, economical to operate, easy to handle. It is big in power for its size—will handle the 4-horse load on drawbar jobs. Price on application.

Any John Deere Tractor can be furnished with Firestone Ground Grip tires. See page 64.



A field of Green Mountain potatoes on the farm of George Hand, Bridgehampton, L.I. Mr. Hand grows 150 acres of potatoes and the above field was fertilized with our 4-8-7 Wilcox fertilizer.

## New John Deere Enclosed Gear Mower

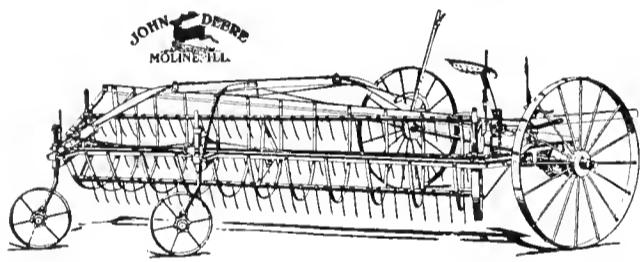


The high lift mower that oils itself. Six quarts of oil in the gear case and one pint of oil in each wheel-hub chamber provide ample lubrication for the average season's cutting.

Made in 4½, 5 6, and 7 foot sizes.

Prices on Application.

## New John Deere Side-Delivery Rake



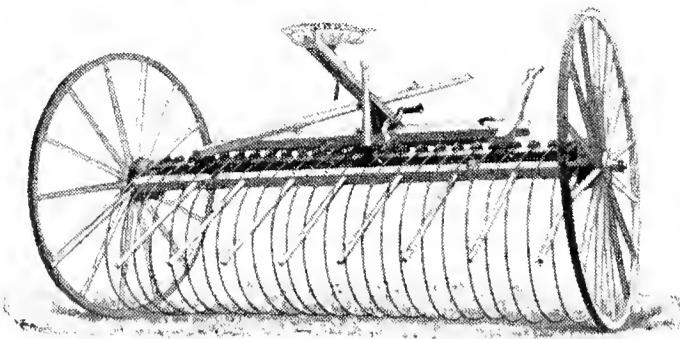
This is the latest development in side-delivery rake construction. Its floating cylinder and universal joint drive cause the hay to be "floated" gently into loose, fluffy windrows, leaves inside, stems out. It makes the John Deere Way of Making Hay of even greater value to the hay grower which means a better quality of hay and bigger profits.

Price on Application



A scene on the farm of A. F. Burnham, East Hartford, Conn. Mr. Burnham was harvesting a beautiful crop of 40 acres of Broadleaf tobacco grown on our Blue Label tobacco fertilizer. Photograph taken August 12, 1935.

## "Eddy Yankee" Horserake

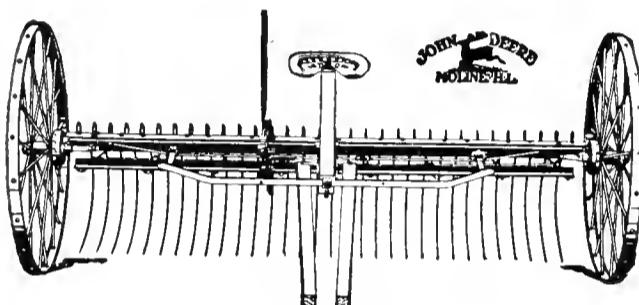


Strength, durability, ease of operation, and clean raking qualities are some of the features that have made this type rake the favorite in the New England States.

8 ft. with 25 teeth; 10 ft. with 31 teeth

Prices on Application.

## New John Deere--Steel Sulky Rake



The rake that gives years of service. Wheels interchangeable, and dump rods reversible, giving extra wear without repair expense. There is no hay too heavy or too light for the John Deere Sulky Rake. It will do the kind of work desired under all conditions.

8 ft. with 24 teeth; 9 ft. with 28 teeth; 10 ft. with 32 teeth. Prices on Application

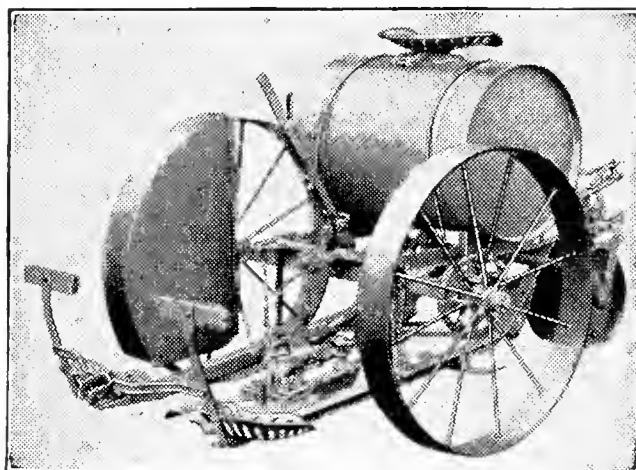
## John Deere Single-Cylinder Windrow Hay Loader



Very light draft and minimum number of working parts. Single drum mounted directly on the axle. Hinged carrier makes loading easy in windy weather. Furnished regularly with fore-carriage—no lifting is necessary when coupling to wagon. Extra strong, well braced frame with hot-riveted corner plates. Gets all the hay when properly raked into windrows. Handles alfalfa and clover without knocking off valuable foliage parts. Capacity ample for all side-rake windrows. Made in six foot width with fore-carriage.

Price on Application

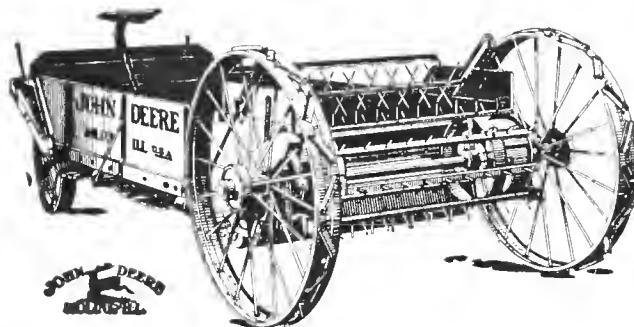
## New Improved Tiger Trans-planter



The lifting lever works on an eccentric. A child can lift the weight of two men and when the lever is operated it automatically throws machine out of gear. Simply and strongly made with these new improvements this machine is rapidly coming into favor with discriminating buyers. This machine has  $1\frac{1}{4}$  inch water connections. The flow of water is under perfect control and can be regulated to deposit as small a quantity as desired, or to discharge one pint to each plant.

Price on Application

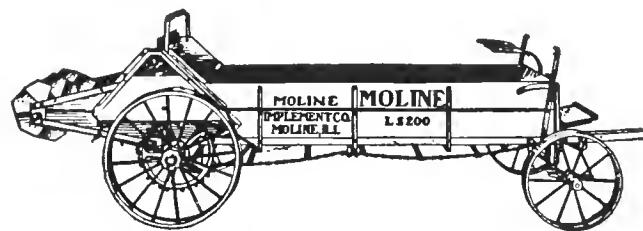
## The Old Reliable John Deere Spreader



Meets the most exacting requirements of the farmer who prefers the single beater, endless apron type of spreader.

Prices on Application

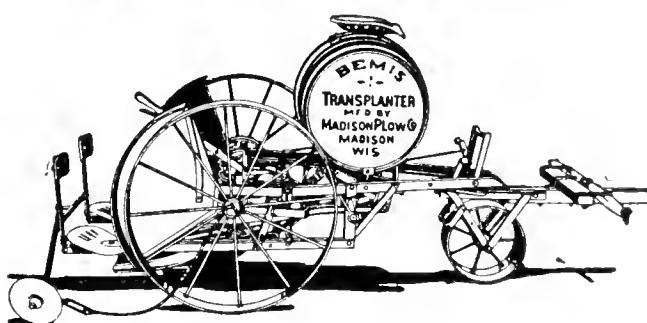
## Moline No. 200 Manure Spreader



A new sturdy, but light weight spreader, simple in design. 50 bushel size with 2 horse hitch.

Price on Application

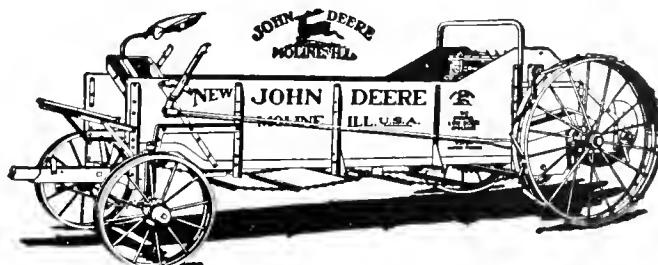
## Bemis Transplanter



Thirty-five years of practical experience is embodied in the Bemis. Nearly every tobacco farm in the Connecticut Valley is equipped with one or more of these implements.

Price on Application

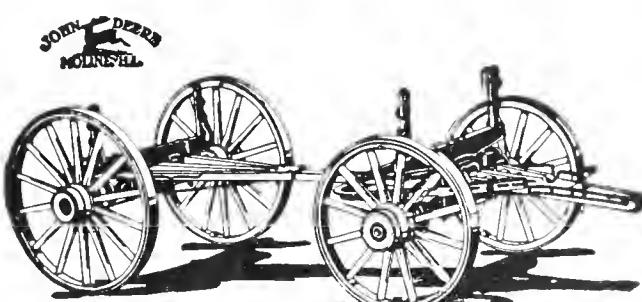
## New Improved John Deere Spreader



Has a tight bottom, with the beater on the axle and cushion-spring front bolster construction. Low, easy, loading box, is only hip high. High drive wheels, roller bearings on all three beaters, new type non-wrapping spiral beater, non-wrapping four-bar upper beater, and fewer moving parts assure light draft.

Price on Application

## John Deere Farm Truck



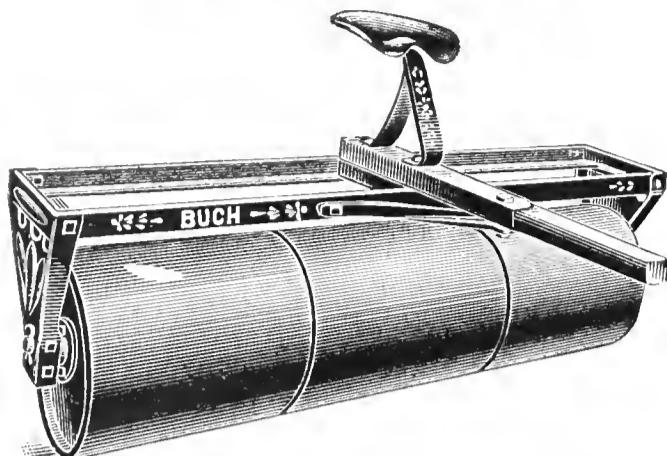
In price, strength, draft and finish, John Deere farm trucks give exceptional satisfaction. They stand hard usage year after year because they are built right and in a factory that has an established reputation for making only the best.

Prices on Application



Summer Squash on farm of Theodore H. Hauser, market gardener of Suffield, Conn., grown on our O&W fertilizer. Photograph taken July 17, 1935.

## Steel Land Roller



Drums of No. 12 gauge High Carbon Steel with Closed Pressed Steel Heads. Angle Frame—High Carbon Steel— $3 \times 3 \times \frac{5}{16}$  inches.

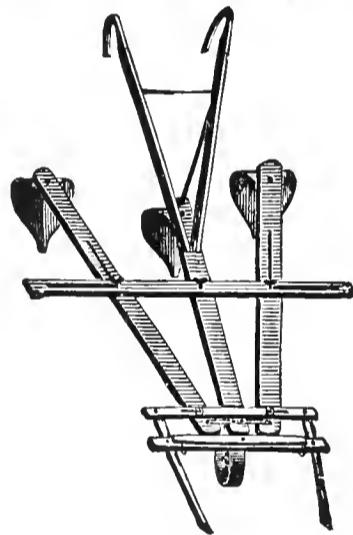
Axles— $1\frac{1}{8}$  inch round.

Hangers—Heavy Wrought Steel with Hardwood boxings.

Built in two or three sections. Tractor hitch furnished if desired. Length 8 feet. Diameter of drum 24 inches. Weight 535 lbs.

Price on Application

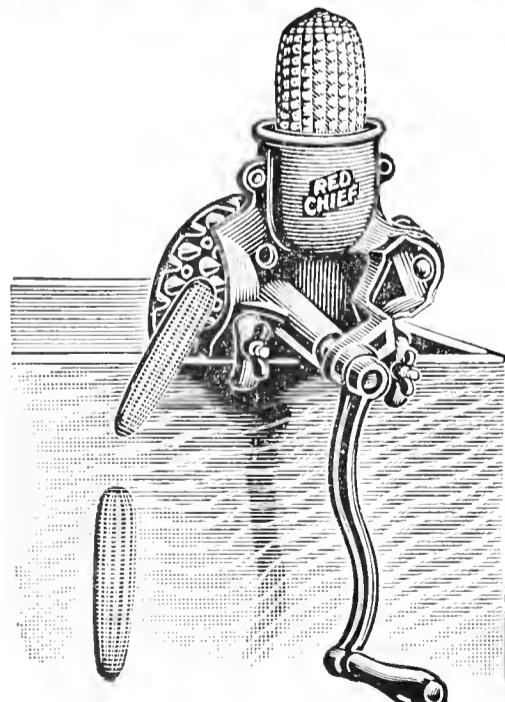
## Goslee Imp. Field Marker



Is designed to mark out rows any width for any crops grown in rows. Teeth are adjustable to any size and depth drill.

Price on Application

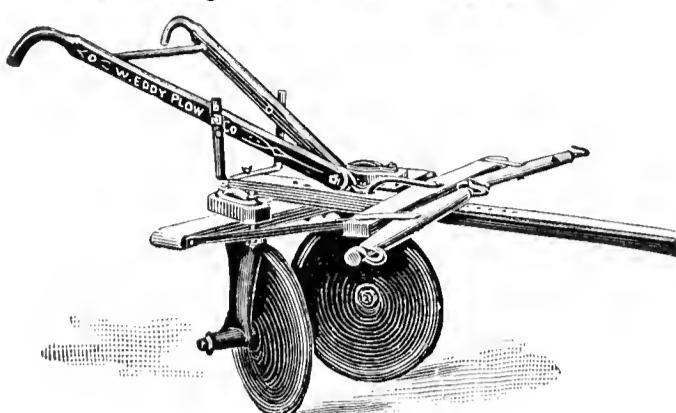
## Red Chief Corn Sheller



Substantial but low priced, made of iron, painted red. Can be attached to a barrel or box adjustable for large or small ears.

Price \$2.25 Net

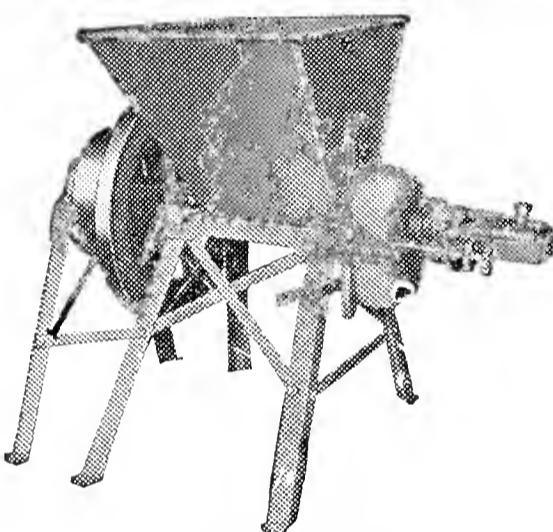
## Eddy Disc Hiller



Is not restricted to the use of hillling and covering potatoes only, but can be used for many other crops, such as asparagus, celery, corn, beans, berries, grapes, etc. Has 20" discs made of best harrow steel properly tempered.

Price on Application

## Jumbo Feed Mill



Is designed to work with tractor and engines from eight horse-power to thirty horse-power. You may operate it at 1500 revolutions per minute, and it will give good, dependable service, grinding 110 bushels of cob meal an hour.

The seven ball end thrust bearing easily absorbs the entire end thrust of the mill when running at this speed.

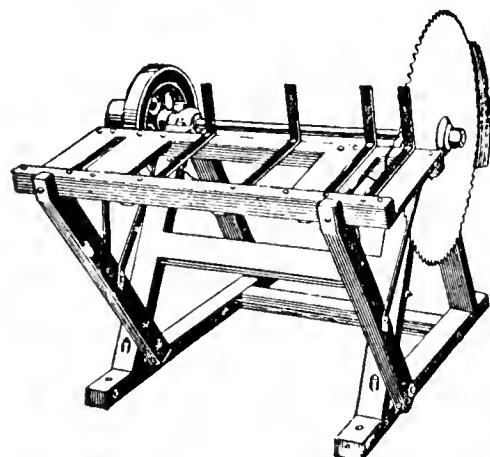
The two spout bagging elevator will attach easily and quickly. Feed is automatically diverted to other spout when one bag and spout are filled.

Prices on Application



Beautiful field of Broadleaf tobacco grown on the farm of C. M. & M. V. Hatheway of Windsor Locks, Conn. This crop was grown on O&W Complete tobacco fertilizer. These parties have used our fertilizer for more than twenty-five years.

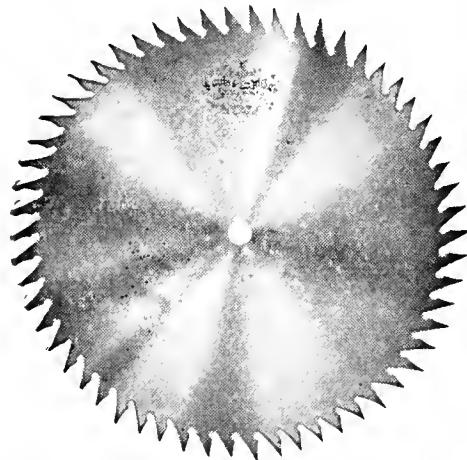
## Jumbo Saw Frames



No. 700. With Tilting Table. Built especially for sawing cord wood. Mandrel of finest cold rolled steel  $1\frac{7}{8}$ " dia., 49" long—fitted for saw with  $1\frac{3}{8}$ " hole. Flywheel is accurately machined and carefully balanced,  $15\frac{1}{2}$ " dia., weight 65 lbs. Standard pulley size 6 x 6".

Prices on Application.

## Guaranteed Cord-Wood Saws



Always run the saw at proper speed, too high or too low is equally bad.

Dia.	No. teeth	Speed
20"	52	1800
22"	56	1636
24"	60	1500
26"	64	1384
28"	70	1285
30"	76	1200

Prices on Application.

## Mountville Red Rubber Belting

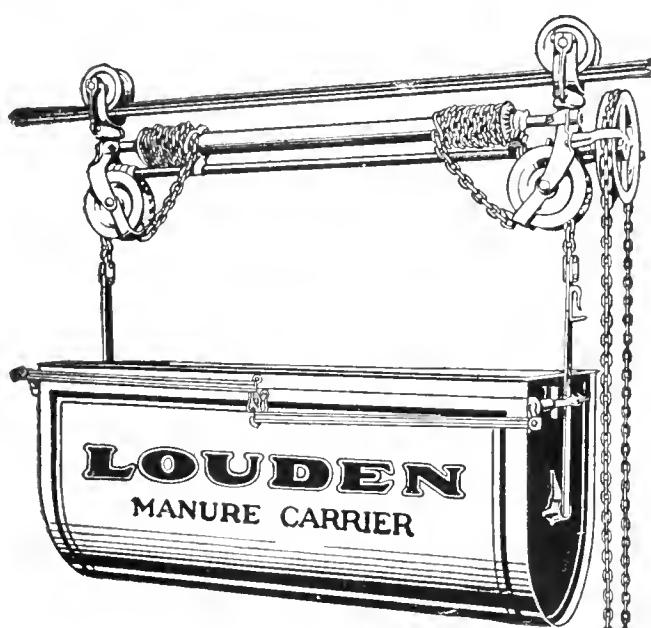
### For Industrial and Agricultural Machinery

Good belting plays an important part in the successful operation of any kind of power machinery. Mountville Red Rubber Belting is made of 32 ounce duck and a high grade rubber compound which prevents its being affected by moisture. Stretching and shrinking are reduced to a minimum, and it remains flexible winter and summer. No breaking-in is necessary and its modern friction surface construction enables it to pull a full load without excessive tension.



Prices on Application.

## The Louden Litter Carrier



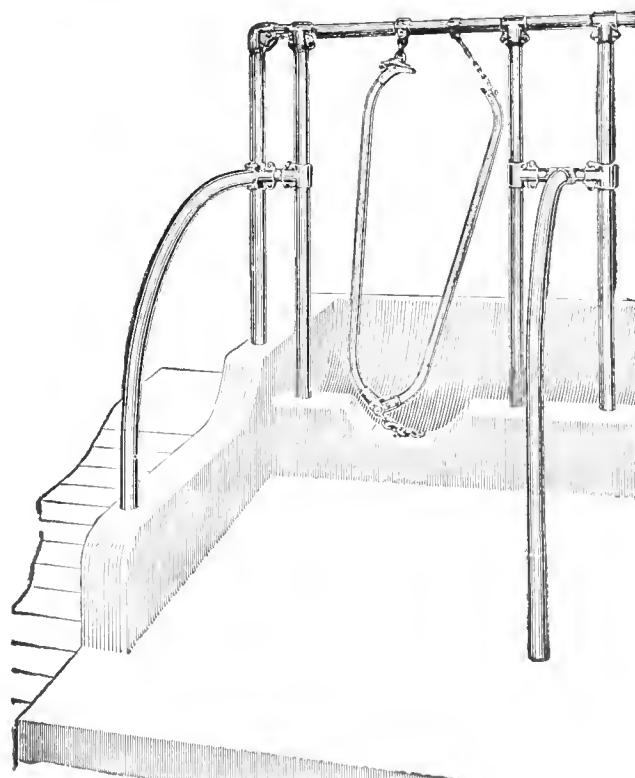
We believe this to be by far the greatest litter carrier ever built. Made to handle heavy loads of wet manure easily, safely and for many years.

Tub is water tight, full 12-bushel capacity. The worm gear hoist on this Louden Carrier is built on the same principle as the highest industrial hoists. It is far superior to the dangerous, troublesome brake and ratchet type.

Load hangs squarely under the track with minimum wear on trolleys. Roller bearing wheels. Sturdy steel track, good for a lifetime. Tub trips from either end. In every respect a quality carrier.

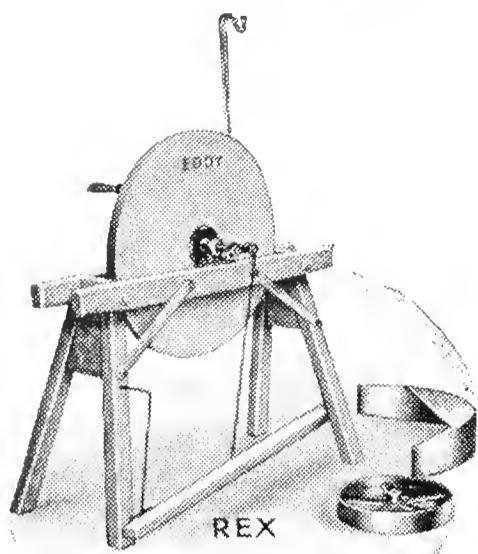
Price on Application.

## Louden Double Post Stall



The Louden Cross Braced Double Post Stall is the most popular cow stall ever manufactured. The stall posts are so spaced that with the Louden flexibly hung stanchion there is ample room at either side for the comfort of the cow. The posts are set the proper distance apart to let the stanchion open wide enough to receive the cow's head, and yet not so wide that the cow can walk right through it. Prices on application.

## Rex Grindstones



The journals are of the improved hardened steel ball and race type of specially treated steel. Frame which is securely braced and bolted is made of well-seasoned hardwood.

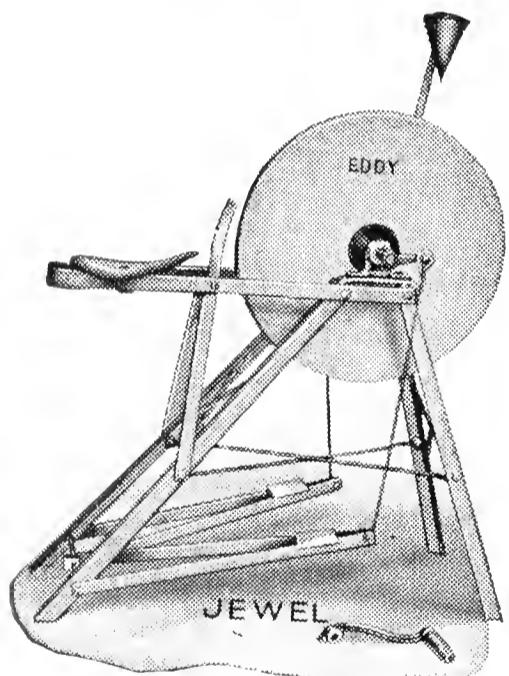
No. 20 size 20" dia. by 2" to 2 $\frac{1}{4}$ " face  
Net Price \$9.75

No. 24 size 24" dia. by 2 $\frac{1}{4}$ " to 2 $\frac{1}{2}$ " face  
Net Price \$11.25

No. 28 size 28" dia. by 2 $\frac{1}{2}$ " face  
Net Price \$13.50

Power pulley 10" dia. 2 $\frac{1}{2}$ " face  
Net Price \$2.00

## Jewel Grindstones



This stone comes equipped with two pedals, adjustable seat, crank and drip cup.

No. 22 size 22" dia. by 2" to 2 $\frac{1}{4}$ " face  
Net Price \$11.50

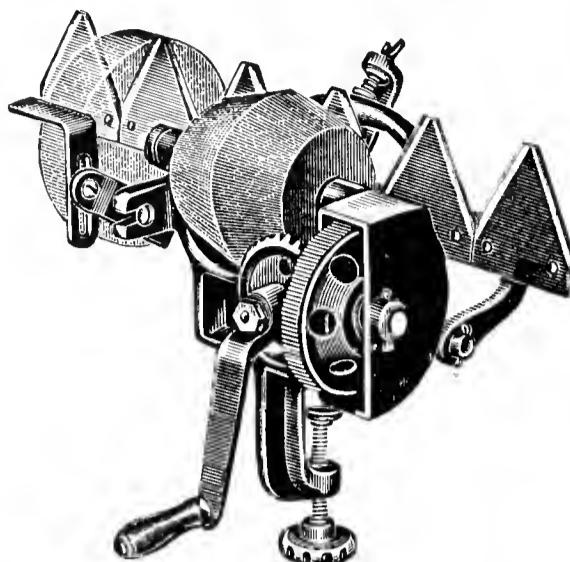
No. 24 size 24" dia. by 2 $\frac{1}{4}$ " to 2 $\frac{1}{2}$ " face  
Net Price \$12.00

## Carborundum File



Carborundum File 14 in. long. Price \$1.00.  
Mighty handy for the farmer or gardener.

## Modern Grinders



Model G. Machine cut drive gears enclosed. Can be clamped to mower wheel.

Net Price \$7.50

Model MX No. 3. A high grade, low priced sickle grinder.

Net Price \$5.00

## Carborundum Fast Cutting Scythe Stones



No. 190	10x1x $\frac{5}{8}$	Price 25c
No. 191	12x1 $\frac{1}{4}$ x $\frac{3}{4}$	Price 35c
No. 192	10x1 $\frac{1}{4}$ x $\frac{3}{4}$	Price 30c

## Aloxite Scythe Stones



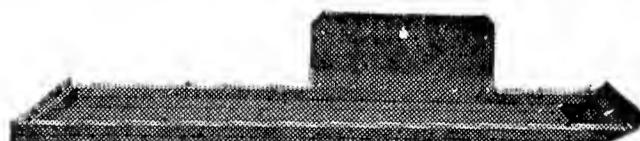
Aloxite Scythe Stones must not be classed with ordinary scythe stones.

No. 188—10x1 $\frac{5}{16}$ x $\frac{9}{16}$ . Price 20c.

No. 188R—10x1 $\frac{5}{16}$ x $\frac{11}{16}$ . Has steel wire in center. Price 25c.

Common scythe stones, 15c.

## Complete Stone Boat



Handiest implement on the farm. The front is of high grade carbon steel 34 in. wide, firmly bolted and braced to the raves and bottom boards, which are hardwood.

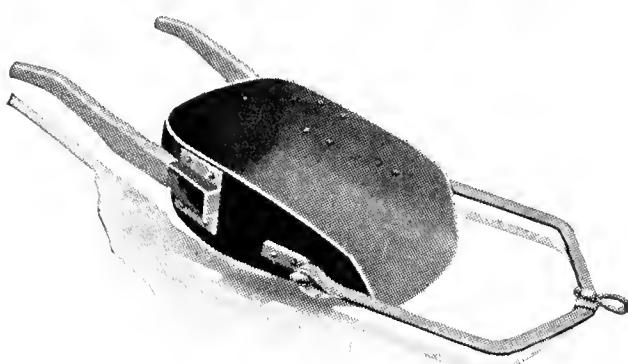
Price \$15.80 Net Cash Price \$15.00

## Stone Boat Heads

Cast Iron 32 in. with bolts.  
Steel 34 in. with bolts.

Price \$6.00  
Price \$5.00

## Steel Drag Scrapers

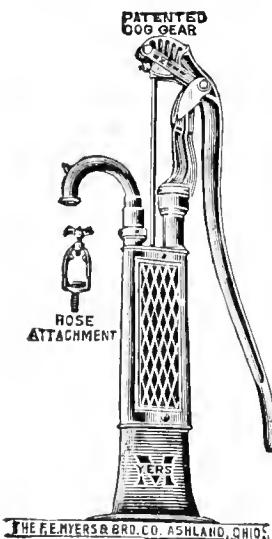


No. 3	3 Cubic Ft.	\$9.00 Net
No. 2	5 " "	9.50 Net
No. 1	7 " "	10.00 Net



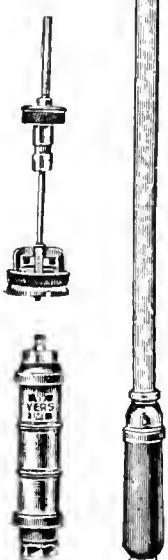
Fine crop of Havana tobacco grown on the farm of Michael Remsouckas of Poquonock, Conn. Crop was grown on O&W Blue Label tobacco fertilizer.

## Myers Cog Gear Submerged Cylinder Double Acting Force Pump



For use in drilled or open wells up to 150 feet in depth. Anti-freezing. No. R72 as shown, with brass lined lower cylinder. Price \$18.50.

Net Cash Price \$17.58

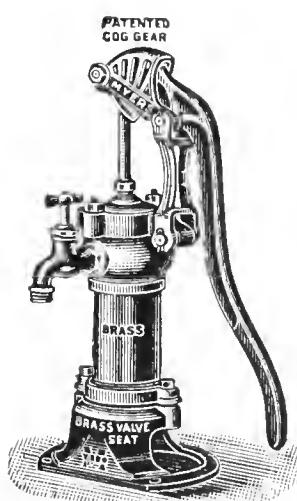


## Myers Cog Gear Lift Pump

Anti-freezing, with brass lined cylinder. Can be used on deep wells.

No. R1052. Price \$11.50.

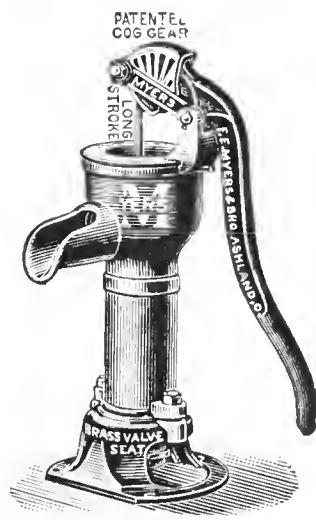
Net Cash Price \$10.93



## Myers Cog Gear House Force Pump

With three-inch seamless drawn brass cylinder, plain brass valve seat and hinged check valve.

No. R414. Price \$7.00  
Net Cash Price \$6.65

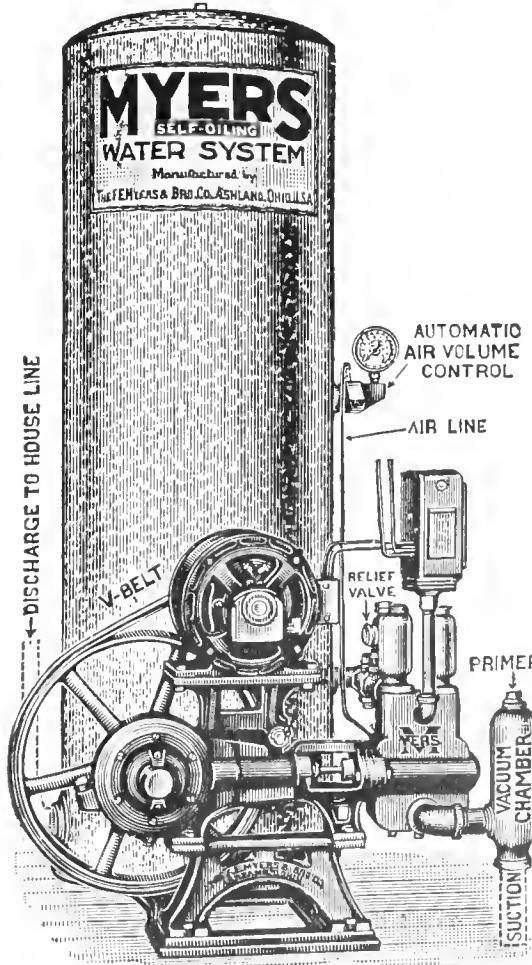


## Myers Cog Gear Pitcher Pump

Fitted with brass valve seat. Long stroke. Large capacity. More water with 33 1/3 % less power required to operate.

No. R416. Price \$4.25  
Net Cash Price \$4.04

## Myers Self-Oiling Home Water System



Complete automatic control. No personal attention necessary. Designed for operation from any kind of city current or from farm lighting and power systems. For use in cisterns or shallow wells up to 22 feet to low water level. Capacity 340 gallons per hour. No. 909AT. Price \$71.00.

Net Cash Price \$67.45

SEND FOR OUR COMPLETE CATALOG OF PUMPS AND WATER SYSTEMS.



**"LOOK INTO IT"**  
TRADE MARK REGISTERED

You must paint—  
how often you must do it de-  
pends upon the paint you use.  
For long wear and all around  
satisfaction, we recommend

**B. P. S. Paint.**

We know that it is ground  
fine and works so easily under  
the brush that you can paint  
with two to three gallons less  
than with a cheap per-gallon  
paint. With B. P. S. Paint  
you will

**Use Less to  
Do More...**

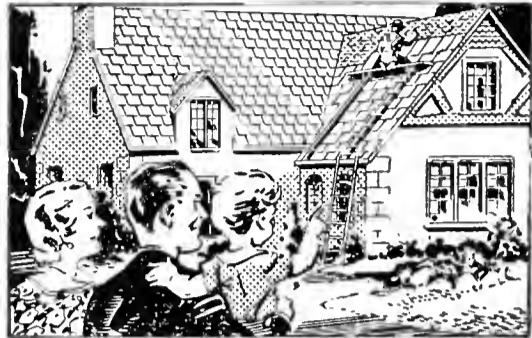
The labor usually costs three  
times as much as the paint,  
so be sure to employ a good  
painter. Good judgment in  
applying is as necessary as  
good paint.

We carry a full line of B. P. S.  
Finishes and will be glad to  
furnish color cards and  
estimates.



2 1/2 lb. pkg.	.25
5 lb. pkg.	.40
8 lb. pkg.	.60
15 lb. pkg.	.75

**Protect your Property-  
Re-Roof Now!**



AND when you re-roof,  
be sure that you buy  
the material which will in-  
sure the best appearance  
and longest wear. You can  
do so by choosing Carey  
Shingles or Roll Roofings,  
for these high quality prod-  
ucts are the result of 60  
years of experience.

We'll save you money on  
exactly the right roof for  
your needs—let's talk it  
over.



**Carey**  
ROOFINGS  
AND SHINGLES

**Rutland  
Roof  
Cement**

**No. 4 BLACK**

1 lb. can	\$ .20
5 lb. can	.65
10 lb. pail	1.10
25 lb. pail	2.25
50 lb. pail	4.00
100 lb. drum	7.50



**Rutland Black Roof  
Paint**

Is a fibreless asphalt paint.  
It does not contain coal tar..

1 gal. can	\$ .75
5 gal. can	3.00
25 gal. can	13.50
50 gal. bbl.	22.00



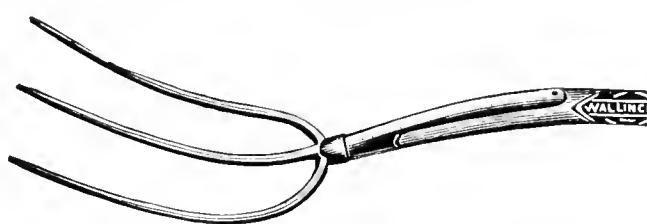
**Rutland Asphalt and Asbestos Roof  
Coating**

Is for repairing and renewing old roofs. Will work equally  
well on metal, paper, or composition roofs.

It also is used for waterproofing the outside of foundation  
walls.

1 gal. can	\$ .75	5 gal. can	\$3.00
25 gal. can	13.50	50 gal. bbl.	22.00

## Long Three-Tine Hay Forks



### Wallingford Brand—Plain Ferrule

4 ft. handle	13 in. tine	\$1.30
4½ ft. handle	13 in. tine	1.35
5 ft. handle	14 in. tine	1.45

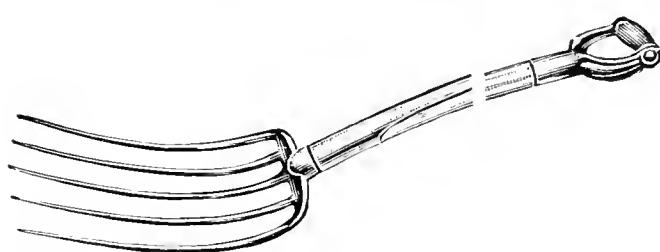
### Wallingford Brand—Strap Ferrule

5 ft. handle	14 in. tine	\$1.55
5½ ft. handle	14 in. tine	1.60
6 ft. handle	14 in. tine	1.65

10% Discount in Dozen Lots.

## Manure Forks

### Wallingford Brand



4 Tine	5 Tine	6 Tine
Long Handle Common Ferrule \$1.45	\$1.60	\$1.75
Long Handle Strap Ferrule \$1.55	\$1.70	\$1.85
Mal. D. Handle Common Ferrule \$1.45	\$1.60	\$1.75
Mal. D. Handle Strap Ferrule \$1.55	\$1.70	\$1.85
Wood D. Handle Common Ferrule \$1.45	\$1.60	\$1.75
Wood D. Handle Strap Ferrule \$1.55	\$1.70	\$1.85

## Steel Manure Hooks

### Wallingford Brand

#### Bent Head—Oval Tines

4 tine	5 ft. handle	\$1.30
5 tine	5 ft. handle	1.45

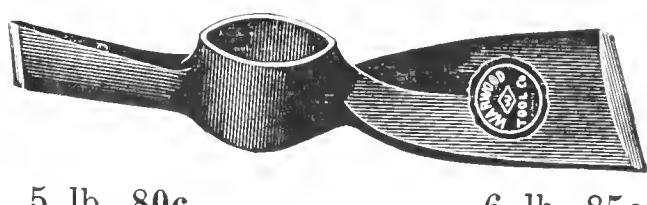
## Standard Wedges



4—5—6 lb.

10c per lb.

## Cutter Mattocks



5 lb. 80c

6 lb. 85c

## Pick Mattocks



5 lb. 85c

6 lb. 90c

## Railroad Picks



6 lb. 75c

7 lb. 80c

8 lb. 90c



## Grub Hoes

4 in. wide 85c



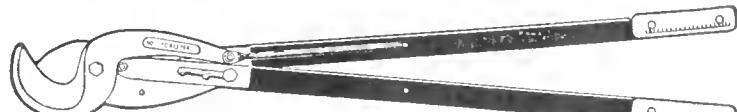
## Axes

\$1.00
\$1.50
\$1.75
\$2.25



Axe Handles 35c, 50c, 60c  
Mattock and Pick Handles 40c, 45c

## Three Power Forester



No. 1—20" long. Capacity 1 $\frac{3}{16}$  in. Especially designed for the fruit grower.

Price \$4.25

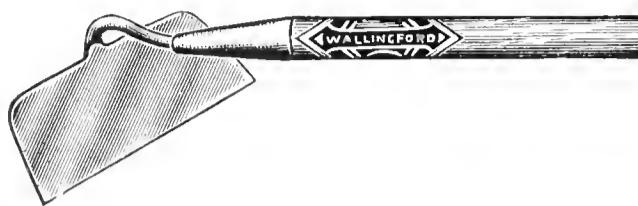
No. 2—27" long. Capacity 1 $\frac{1}{2}$  in. Suitable for forest priming, brush and shrub cutting.

Price \$5.50

No. 3—34" long. Capacity 2 in. An amazingly powerful tool.

Price \$7.00

## Wallingford Brand Grade A Tobacco Hoes



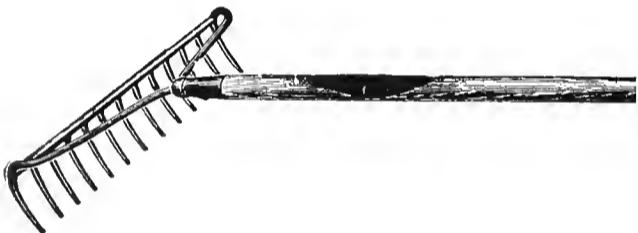
8" x2 5/8"	\$1.30	9 1/2" x2 1/2"	\$1.40
8 1/2" x2 3/4"	1.35	10" x2 1/2"	1.45
9" x2 3/4"	1.35	11" x2 1/2"	1.65

10% discount in dozen lots.

## Wallingford Brand Field or Garden Hoes

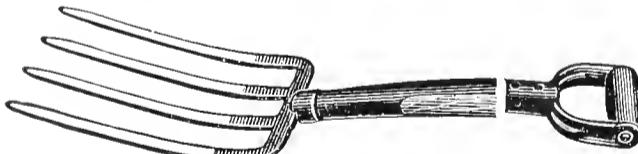
8"x3 3/4"	\$1.15	9"x3 3/4"	\$1.20
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## Steel Garden Rakes



14 teeth	75c	16 teeth	80c
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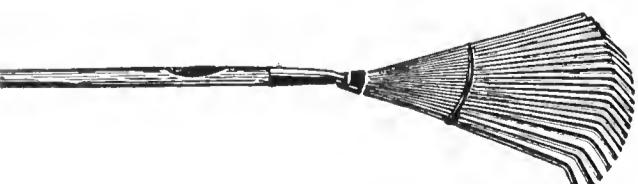
## Spading Forks



Strap Ferrule

4 tine	Long Handle	\$1.50
4 tine	Mal. D. Handle	1.50
5 tine	Long Handle	2.00
5 tine	Mal. D. Handle	2.00

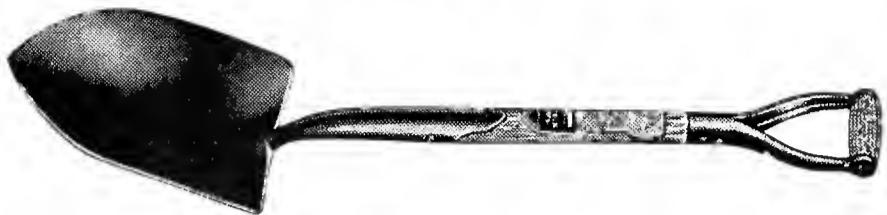
## Brume-Rakes



22 Spring Steel Teeth

85c

## Full Polish Round Point Shovels

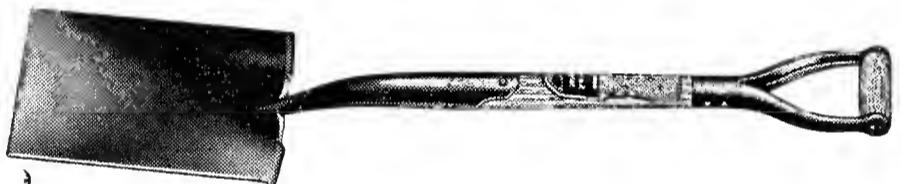


Fox Brand Plain Back No. 2	\$1.50 each
Fox Brand Plain Back No. 3	1.60 each
Square point—same price.	

## Black Round Point Shovels Hollow Back

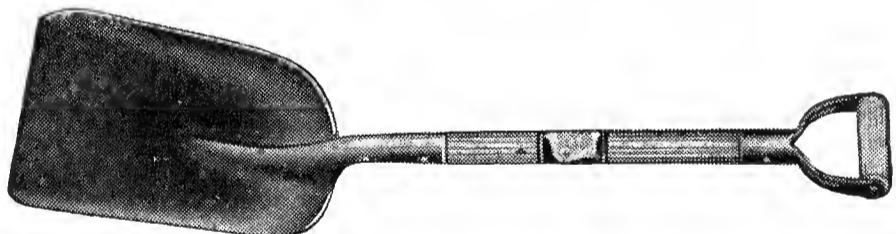
No. 2 \$1.10

## Full Polish No. 2 Garden Spade, \$1.50



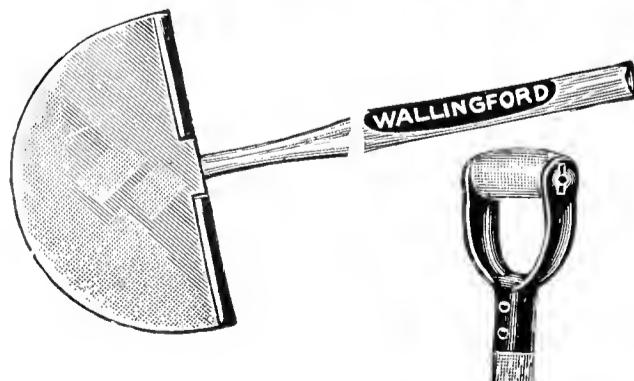
Black No. 2 Garden Spade \$1.00

## Snow or Barn Shovels

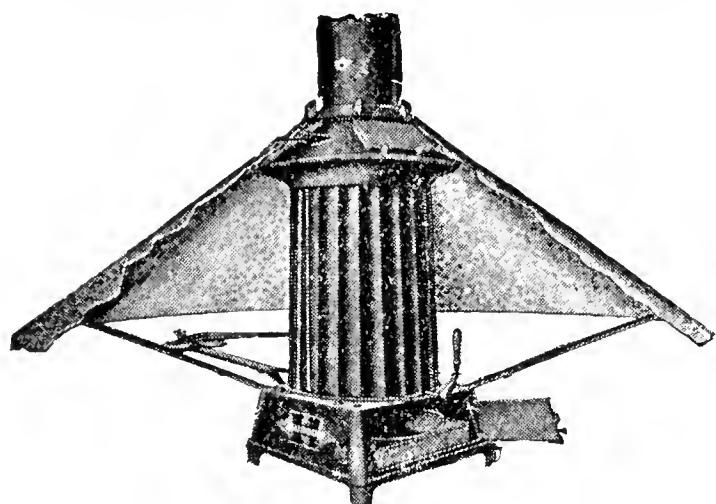


No. 2	Long Handle	60c
No. 2	Steel D Handle	65c
No. 2	Split D Handle	75c

## Flat Top Turf Edger

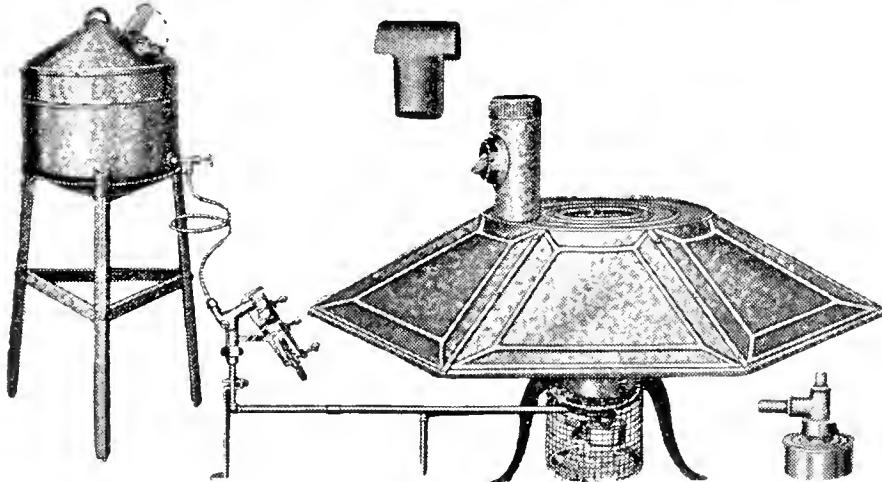


Steel "D" Handle Socket Pattern \$1.00  
Long Handle Shank Pattern 95c

**Hudson Coal Brooders**

Square base and ashpit of greater capacity. New type coal door hinge, eliminating binding or poor fit.

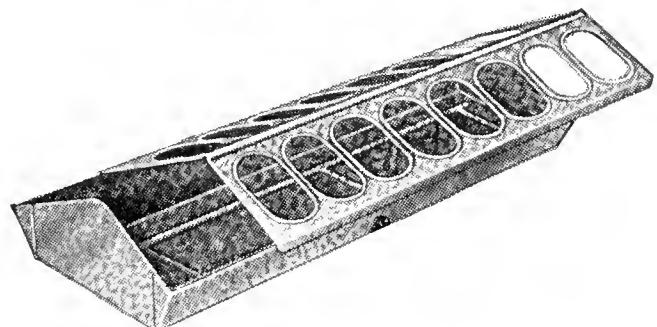
Prices on Application.

**Hudson Oil Burning Brooders**

The secret of the success of the Hudson Stove rests in the perfectly functioning valve and powerful specially designed burner which is so efficient that it will burn equally well kerosene or cheap fuel oil (distillate).

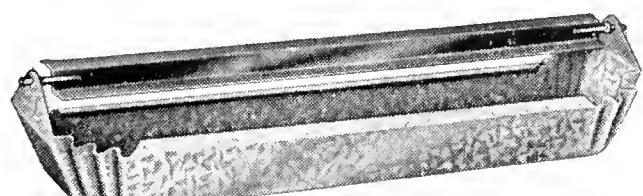
Sizes from 200 to 1500 day old chicks.

Prices on Application.

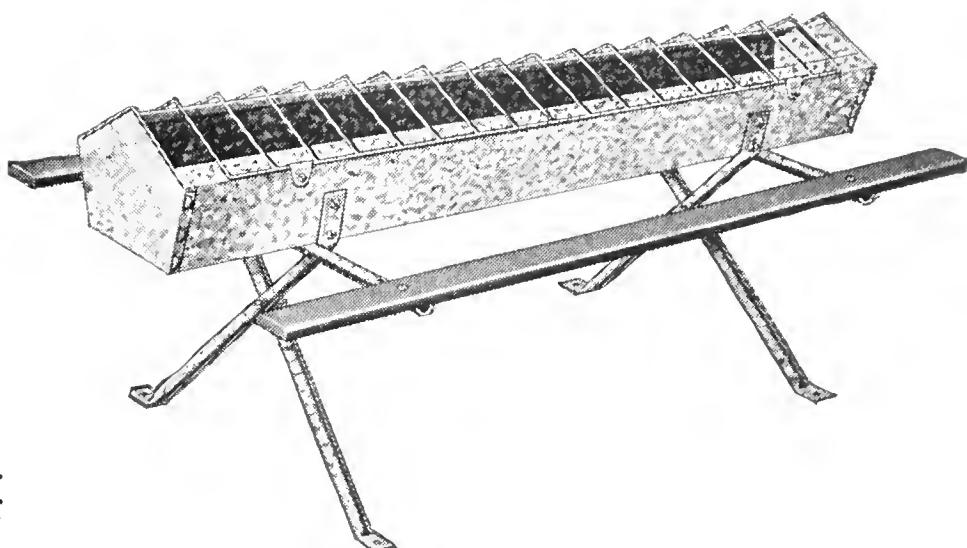
**Slide Top Chick Feeders**

These popular priced feeders are made of galvanized steel. Die stamped.

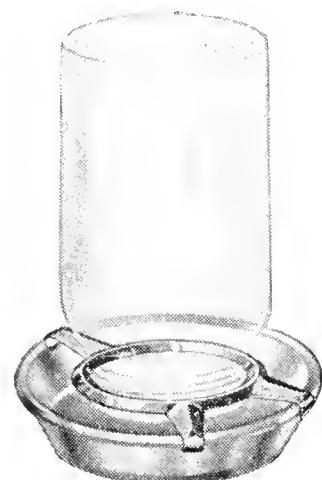
10" size, 16 holes Price 12½c  
20" size, 30 holes Price 20c

**Leads-All Chick Feeders**

Is not the conventional type of small, low-priced feeder. Die-formed from heavy galvanized steel, with feed-saving lip curved for chick safety and feed economy. Prices, 12 in. 15c; 18 in. 20c; 24 in. 25c.

**Range Feeder with Grill Type Guard**

Hinged to permit easy cleaning and filling.  
4 ft. Feeder (with perch and legs). Price \$2.50  
5 ft. Feeder (with perch and legs). Price 3.00

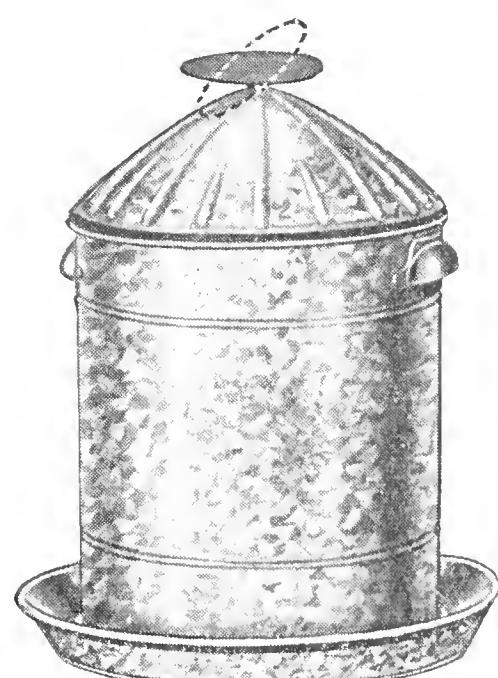
**CHICK FOUNTAINS**

Mason Jar Types. Glass as shown 15c. Heavy enameled material 2 for 15c.



This complete feed and water. That's all. For chicks, feed Startena until end of sixth week. For pullets, feed Growena from sixth to twentieth. For hens, feed Layena after the twentieth.

Prices on application.

**Double Wall Fountains**

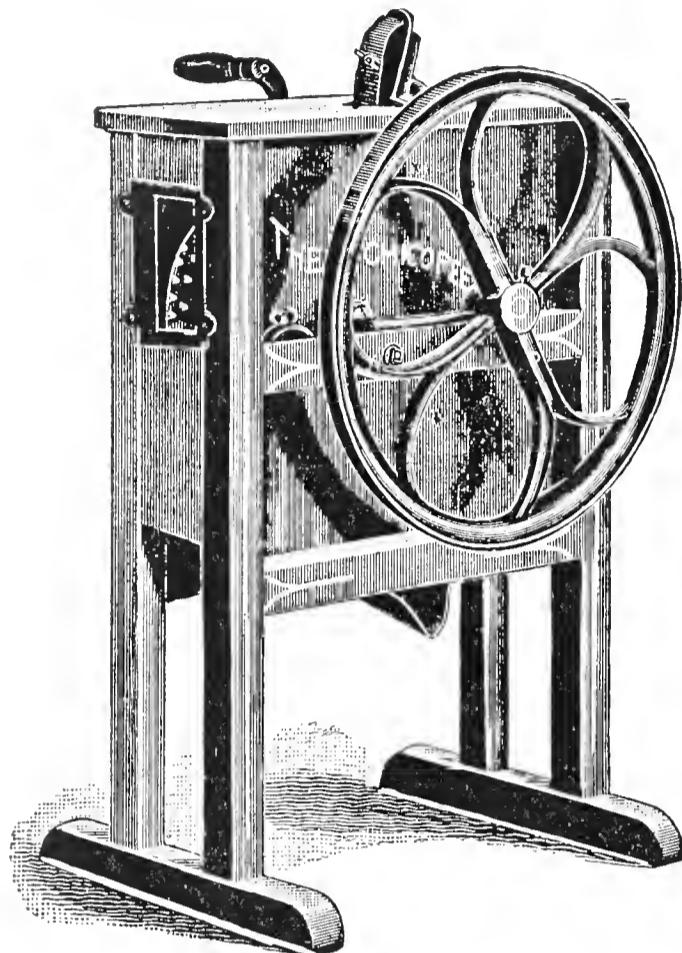
Top filled. Feeds automatically.

Sizes 5 and 8 gallons.

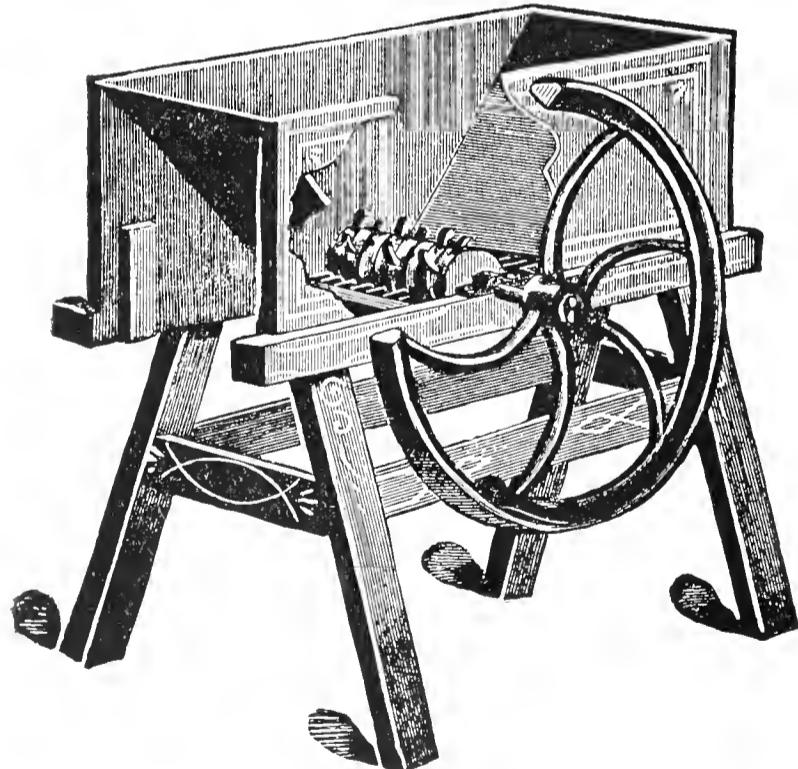
Prices on application.

## Corn Shellers

Chicopee—One Hole—hand (as shown).	Price \$10.00	Net Cash Price \$9.50
Chicopee—Two hole—power.	Price \$22.50	Net Cash Price \$21.37
Lion—One hole—hand.	Price \$11.00	Net Cash Price \$10.45



## Champion Vegetable Cutters



This is one of the best machines on the market for cutting all kinds of vegetables. It is made with a wrought shaft with sections of knives fastened to it, and arranged so that a rotation of knives is continually passing a bed knife with cross knives passing between the sections of knives; cutting always near the center shaft, making it cut easy and fine enough for cattle or sheep; also making a very regular cut.

This machine will cut sixty bushels an hour.  
Price \$12.00

Net Cash Price \$11.40

## Atlantic Motor Oils

You've heard of the new exclusive process developed by the Atlantic Refining Company. In giving its Motor Oil this amazing High Film Strength (greater even than pure castor oil) Atlantic has made the greatest improvement since the invention of the automobile. High Film Strength (only Atlantic Motor Oils have it) keeps your motor young; the strong film of Atlantic Oil keeps engine surfaces apart and prevents the costly metal to metal contact that leads only to one sad end—new piston rings or other expensive repairs. In preventing what was up to now normal wear Atlantic High Film Strength Motor Oils not only help you save money on repair bills but will retain new car performance.

Give it a real trial. We know the correct grade for your automobile, tractor or farming equipment.

Atlantic High Film Strength Motor Oils cost no more than out-of-date motor oils.

KEEP UPKEEP DOWN  
1 gallon and 5 gallon cans  
30 gallon and 50 gallon drums.  
Prices on Application.

## Clipmaster



### FOR COWS, HORSES, MULES, DOGS

New STEWART Clipmaster with ball-bearing, air-cooled motor inside composition handle. Fully insulated—no ground wire to bother with. 78% more power makes this new Clipmaster by far the finest, fastest, and easiest clipping machine ever built.

Price \$16.95



The above photograph shows a beautiful field nine acres of Havana tobacco grown on O&W Complete tobacco fertilizer on the farm of J. H. Deinlein of West Hatfield, Mass. Photograph taken August 15, 1935.

## ATKINS SILVER STEEL PRUNING SAWS

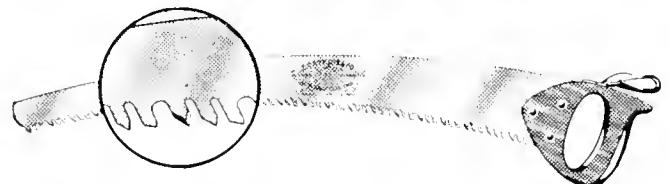
### No. 13 Curved Pruner



The blade is peg tooth of uniform temper, noted for its edge holding qualities.  
Length 14"

Price \$1.25

### Utility Speed Pruner No. 14



The curve in this pruner gives correct stroke for an easy full cut. Diamond point teeth and raker quickly cleans the cut.  
Length 26"

Price \$3.25

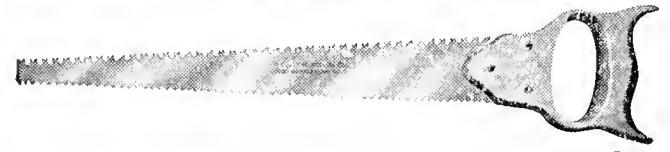
### No. 16 "AAA" Pole Tree Pruner



Fitted with peg teeth and fastened to casting with bolt and wing nuts. The blade is adjustable to cut at any angle.  
Length 16"

Price \$2.00

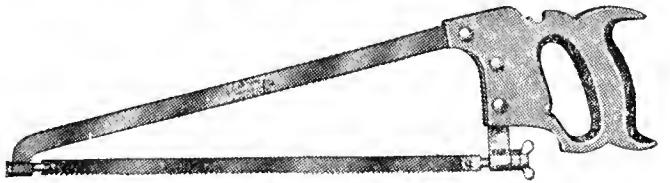
### No. 3 Duplex Pruner



One edge for extra heavy coarse work. Fine teeth on opposite edge for finer cutting. The handle is of well seasoned apple wood.  
Length 20"

Price \$1.50

### No. 11 Tapered Pruner



Frame is made of high grade crucible steel  $\frac{3}{4}$ " wide. Blade can be adjusted to any angle.  
Length 18"

Price \$1.75

### No. 40 Tuttle Tooth Pruner



Made of high grade special steel. Teeth hold their edge longer due to extra fine temper. Large and roomy grip reinforced with dowel pin making it rigid.  
Length 24"

Price \$2.50

No. 41—A six point hand saw tooth with wide set, bevel filed.  
Length 26"

Price \$3.65

ATKINS SILVER STEEL SEGMENT GROUND CROSS CUT SAWS are made with the definite object in view of supplying the every-day user of Cross Cut Saws with saws which are so eminently superior to any other that their merits will be immediately appreciated. They must be so much better in every particular that any fair trial will at once demonstrate their superiority.

### One Man Tuttle Tooth Saw No. 390



Made of Silver Steel. Ground to run free and easy. Polished hard wood handle, easy grip.

Length—feet	3	3 $\frac{1}{2}$	4
Price	\$3.00	\$3.60	\$4.00

### Economy One Man Cross Cut Saw No. 090



Tuttle tooth. Hardwood handle, easy grip.  
Length—feet

3	3 $\frac{1}{2}$	4
---	-----------------	---

Price	\$2.00	\$2.25	\$2.60
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### Two-Man Tuttle Tooth Saw No. 331

Most popular medium priced 2 man cross cut saw on the market. Made of high grade special steel.

Price 5 ft. \$4.75      5  $\frac{1}{2}$  ft. \$5.25

### General Utility 2-Man Saw No. 379

Price 5 ft. \$2.75      5  $\frac{1}{2}$  ft. \$3.00

### "Last Word" Hand Saw No. 58



A guaranteed moderately priced straight back saw for general use. New style easy grip handle.

Length 26"	7 or 8 point	Price \$1.80
------------	--------------	--------------



Field of Certified Green Mountains grown on farm of Lee Haines, Fort Fairfield, Maine. This photograph was taken August 1, 1935. Grown on O&W fertilizer.



A fine field of twenty acres of Havana tobacco grown on our O&W Blue Label tobacco fertilizer on the farm of Edward Barkal & Son, Poquonock. The Barkals have used our Blue Label for many years.



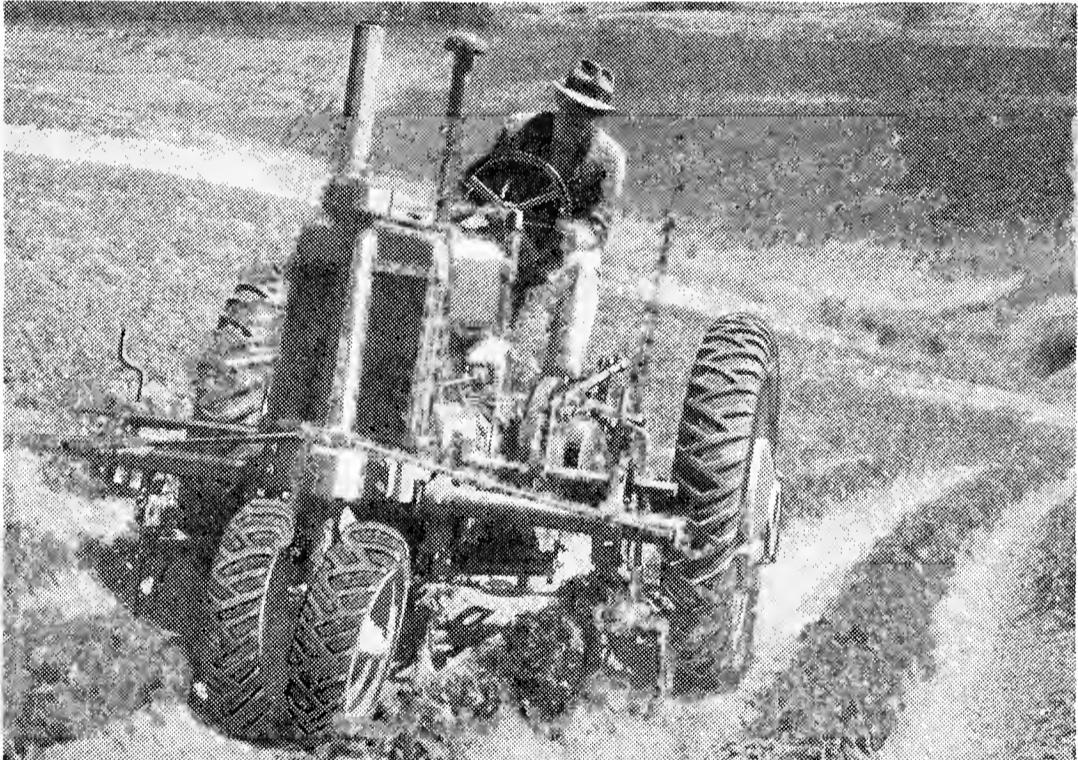
#### GUARANTEE

This heavy traction tread guaranteed not to loosen from the tire body under any condition, and all other parts of the tire are fully guaranteed to give satisfaction in every respect.

## Firestone GROUND GRIP TIRES

... FOR YOUR TRACTOR AND ALL FARM IMPLEMENTS . . .

PRICES ON APPLICATION



Fine crop of onions grown on the farm of James Simmonds, Hayden Station, Connecticut. This six-acre field of seed onions was grown from our seed and O&W market garden fertilizer.



Above photograph shows a field of potatoes on the farm of R. D. Steane & Co., South Windsor, Conn. Photograph was taken July 19, 1935 and shows a beautiful field of potatoes. Seed was furnished by us.

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Garden Gloves .....	31	Planting and Picking Bags .....	48	Water Fountains (Chick) .....	61
Grains .....	34	Picks:		Watering Cans .....	31
Grass Catchers .....	30	Deere Tractor .....	42	Watermelon .....	27
Grass Edgers .....	30-60	Syracuse Walking .....	42	Water Systems (Myers) .....	57
Grass Seeds .....	28-33-34	Picks:		Wedges .....	59
Grass Seeders .....	48-49	Deere Tractor .....	42	Weeder (Dandelion) .....	81
Grass Shears .....	31	Picks:		Weeders (Hallock) .....	46
Grinders .....	56	Deere Tractor .....	42	Wheelbarrows .....	32
Grindstones .....	56	Picks:		Wheel Hoes .....	44
Grub Hoes .....	59	Picks:			

# Seed and Plant Tables

## Quantity of Seeds Required to Plant One Acre

Asparagus—1 oz. for 500 plants .....	1	lb.
Barley .....	2	bu.
Beans, Dwarf, 1 qt. for 100 ft. of drill .....	1-1½	bu.
Beans, Pole, 1 qt. for 200 hills .....	½ to ¾	bu.
Beet, Garden, 1 oz. for 75 ft. of drill .....	6	lbs.
Beet Mangel, 1 oz. for 75 ft. of drill .....	5	lbs.
Buckwheat .....	1	bu.
Cabbage, 1 oz. for 3,000 plants .....	½	lb.
Carrot, 1 oz. for 150 ft. of drill .....	2½-3	lbs.
Cauliflower, 1 oz. for 3,000 plants .....	5	oz.
Celery, 1 oz. for 4,000 plants .....	4-8	oz.
Clover, Alsike or White Dutch .....	8-10	lbs.
Clover, Medium Red .....	10-15	lbs.
Corn, Field (Hills) .....	¼ to ½	bu.
Corn, Field (Drills) .....	1-1½	bu.
Corn, Sweet, 1 qt. for 200 hills .....	8	qts.
Cucumber, 1 oz. for 50 hills .....	2-3	lbs.
Fesque Chewings .....	30	lbs.
Grass, Kentucky Blue .....	1½-2	bu.
Grass, Rye .....	1-1½	bu.
Grass, Mixed Lawn .....	3-4	bu.
Grass, Orchard .....	1½-2	bu.
Lettuce, 1 oz. for 150 ft. of drill .....	3	lbs.
Melon, Musk, 1 oz. for 80 hills .....	3	lbs.
Melon, Water, 1 oz. for 50 hills .....	4	lbs.
Millet, Golden .....	¾-1	bu.
Millet, Hungarian .....	¾-1	bu.
Millet, Japanese .....	½ to ¾	bu.
Oats .....	2-2½	bu.
Onion Seed, 1 oz. for 200 ft. of drill .....	5	lbs.
Onion Seed for Sets .....	30-50	lbs.
Onion Sets—1 qt. for 20 ft. of drill .....	8	bu.
Parsnip, 1 oz. for 100 ft. of drill .....	4	lbs.
Parsley, 1 oz. for 200 ft. of drill .....	3	lbs.
Peas, Garden, 1 qt. for 60 ft. of drill .....	3	bu.
Peas, Field .....	2½	bu.
Potatoes .....	12	bu.
Pumpkin, 1 qt. for 200 hills .....	5	lbs.
Radish, 1 oz. for 100 ft. of drill .....	10	lbs.
Red Top, Unhulled .....	2-3	bu.
Red Top, Recleaned .....	15	lbs.
Rye .....	2	bu.
Salsify, 1 oz. for 100 ft. of drill .....	8	lbs.
Squash, Summer, 1 oz. for 30 hills .....	2	lbs.
Squash, Winter, 1 oz. for 10 hills .....	2	lbs.
Timothy .....	¼ to ½	bu.
Tomato, 1 oz. for 3,000 plants .....	3	oz.
Tobacco, 1 oz. for 5,000 plants .....	2	oz.
Turnip, 1 oz. for 200 ft. of drill .....	1-3	lbs.

## Weights of Seeds

	Lbs. per Bu.
Alfalfa .....	60
Barley .....	48
Blue Grass .....	14
Buckwheat .....	48
Clover, Alsike, Crimson, Red, White .....	60
Corn, Field .....	56
Fesque Chewings .....	24
Millet, Common .....	48
Millet, Hungarian .....	48
Millet, Japanese .....	32
Oats .....	32
Orchard Grass .....	14
Peas, Canada Field .....	60
Rape .....	60
Red Top, Unhulled .....	14
Red Top, Recleaned .....	35
Rye .....	56
Soy Beans .....	60
Sudan Grass .....	50
Timothy .....	45
Vetch .....	60
Wheat .....	60

## AVERAGE TIME REQUIRED FOR GARDEN SEEDS TO GERMINATE

	Days	Days	
Beans .....	7-10	Lettuce .....	6-8
Beets .....	7-10	Onion .....	7-10
Cabbage .....	4-8	Parsley .....	15-21
Carrot .....	12-18	Peas .....	6-10
Cauliflower .....	4-8	Parsnip .....	10-20
Celery .....	10-20	Pepper .....	9-14
Corn .....	5-8	Radish .....	4-6
Cucumber .....	6-10	Salsify .....	7-12
Endive .....	5-10	Tomato .....	10-14
Kale .....	5-7	Turnip .....	4-8

## MATURITY TABLE

Beans, table use .....	50 to 65	days
Beets, table use .....	60 to 70	days
Cabbages, early for cutting .....	90 to 100	days
Cabbages, late for cutting .....	100 to 120	days
Carrots, table use .....	60 to 70	days
Celery, table use .....	120 to 140	days
Sweet Corn, table use .....	85 to 100	days
Cucumbers, table use .....	65 to 70	days
Lettuce, table use .....	40 to 50	days
Melons, table use .....	85 to 100	days
Onions for Storage .....	90 to 120	days
Peas, table use .....	50 to 70	days
Radishes, table use .....	20 to 45	days
Tomatoes, table use .....	90 to 100	days
Turnips for Storage .....	65 to 90	days

## NUMBER OF PLANTS REQUIRED TO PLANT AN ACRE AT GIVEN DISTANCES

Dist. apart	No. Plants	Dist. apart	No. Plants
12 x 1 in.....	522,720	36 x 86 in.....	4,840
12 x 3 in.....	174,240	42 x 12 in.....	12,446
12 x 12 in.....	43,560	42 x 24 in.....	6,223
16 x 1 in.....	892,040	42 x 36 in.....	4,148
18 x 1 in.....	348,480	48 x 12 in.....	10,890
18 x 3 in.....	116,160	48 x 19 in.....	7,790
18 x 12 in.....	29,040	48 x 24 in.....	5,445
18 x 18 in.....	19,360	48 x 30 in.....	4,356
20 x 1 in.....	313,635	48 x 36 in.....	3,630
20 x 20 in.....	15,681	48 x 48 in.....	2,728
24 x 1 in.....	261,360	60 x 86 in.....	2,901
24 x 18 in.....	15,520	60 x 48 in.....	2,178
24 x 24 in.....	10,890	60 x 60 in.....	1,743
30 x 1 in.....	209,088	8 x 1 ft.....	5,445
80 x 6 in.....	34,848	8 x 8 ft.....	1,815
80 x 12 in.....	17,424	8 x 8 ft.....	680
30 x 16 in.....	13,068	10 x 1 ft.....	4,356
30 x 20 in.....	10,454	10 x 6 ft.....	726
30 x 24 in.....	8,712	10 x 10 ft.....	435
30 x 30 in.....	6,970	12 x 1 ft.....	3,630
36 x 3 in.....	58,080	12 x 5 ft.....	736
36 x 12 in.....	14,520	12 x 12 ft.....	802
36 x 18 in.....	9,680	16 x 1 ft.....	2,722
36 x 24 in.....	7,260	16 x 16 ft.....	170

## TABLE TO ASSIST FARMERS AND GARDENERS IN MAKING ACCURATE ESTIMATE OF THE AMOUNT OF LAND IN DIFFERENT FIELDS UNDER CULTIVATION

10 rods x 16 rods equal .....	1	acre
8 rods x 20 rods equal .....	1	acre
5 rods x 32 rods equal .....	1	acre
4 rods x 40 rods equal .....	1	acre
5 yards x 968 yard equal .....	1	acre
10 yards x 484 yards equal .....	1	acre
40 yards x 121 yards equal .....	1	acre
209 feet x 209 feet equal .....	1	acre
200 feet x 108.9 feet equal .....	½	acre
100 feet x 145.2 feet equal .....	1/8	acre
100 feet x 108.9 feet equal .....	¼	acre



